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ABSTRACT

Basic statistics on finance, employment, and broadcast and production activities of 103 Corporation for Public Broadcasting (CPB)--qualified radio stations in the United States and Puerto Rico for Fiscal Year 1971 are collected. The first section of the report deals with total funds, income, direct operating costs, capital expenditures, and other selected financial topics. The second part covers the employment status of the stations' employees by full-time, half-time, and part-time employment in relation to sex and minority groups. The final portion treats broadcast and production figures in terms of total yearly broadcast hours, mean weekly broadcast hours by day of week, broadcast hours by source and type of programing, and local production hours. Data are presented in 11 figures and 43 tables. Four appendixes survey criteria for determining assistance eligibility CPB-qualified radio stations, broadcast hours, and questionnaire items; a fifth lists the stations along with their locations, call letters, and frequencies. (Author/PB)

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Summary Statistics of CPB-Qualified Public Radio Stations

Fiscal Year 1971

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Henry Loomis, President

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FOREWORD

This publication is part of a series of statistical reports on public broadcasting, based on data provided to the Corporation for Public Broadcasting (CPB) by public radio stations and public television licensees. The U. S. Office of Education's National Center for Educational Statistics (NCES) supported the data collection, analysis, and preparation of reports in the series. John Golden, Director of Planning, Research, and Evaluation at CPB, and Boyd Ladd, Assistant Director for Statistical Development at NCES, directed the efforts of the two agencies.

This report presents financial, employment, broadcast, and production statistics for 103 CPB-qualified public radio stations in the aggregate United States during Fiscal Year 1971.

Publication of this information was made possible by station managers and executive directors who took time from their very busy days to complete the questionnaires.

Henry Loomis
President, Corporation for
Public Broadcasting

Dorothy M. Gilford
Assistant Commissioner for
Educational Statistics

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INTRODUCTION

This report presents basic statistics on finance, employment, and broadcast and production activities of 103 CPB-qualified public radio stations in the United States and Puerto Rico during the Fiscal Year which ended June 30, 1971. 1/ Its major objective is to provide the public broadcasting community--Federal and other legislators, administrators, and researchers, as well as the communications industry as a whole--with quantitative information on and summary analysis of the selected statistics of public radio.

This report consists of three major parts: finance, employment, and broadcast and production hours of CPB-qualified public radio stations during Fiscal Year 1971. The first part deals with basic financial statistics of the stations in terms of total funds, income, direct operating costs, capital expenditures, and other selected financial topics; the second part covers the employment status of the stations' employees by full-time, half-time, and part-time employment in relation to sex and minority group; and the third part includes broadcast and production statistics in terms of total (all year) broadcast hours, mean weekly broadcast hours by day of week, broadcast hours by source of programing and type of programing, and local production hours.

The data contained in this report were collected in the 1971 annual survey of CPB-qualified public radio stations between August 1971 and April 1972 by the Corporation for Public Broadcasting. The survey data were gathered in most cases from station general managers or executive directors of the stations.

1/ As of June 1971, the Federal Communications Commission reported a total of 501 educational/public radio stations in the aggregate United States. Of these stations, 103 were qualified and designated by the Corporation for Public Broadcasting as eligible for CPB Community Service Grants. Criteria for determining assistance eligibility are in appendix A.

ANALYSIS DESIGN

Data on financial and employment statistics are, in most cases, presented in terms of type of licensee, operational type of licensee, 2/ and geographic region. Data on broadcast and production statistics are shown in terms of type of licensee.

CPB-Qualified Public Radio Licensees are categorized by two types:

INSTITUTIONS OF HIGHER EDUCATION--licensed to and operated by universities and colleges.

ALL OTHER--licensees (stations) other than those classified as institutions of higher education.

Operational Types of Licensees are likewise in two categories:

DUAL LICENSEES--Licensees (stations) operated jointly with affiliated public television licensees (stations).

ALL OTHERS--Licensees (stations) other than those classified as dual licensees.

Data are reported by five geographic regions (aggregate United States):

North Atlantic	Great Lakes and Plains	Southeast
Connecticut*	Illinois	Alabama*
Delaware*	Indiana	Arkansas
District of Columbia	Iowa	Florida
Maine	Kansas	Georgia
Maryland	Michigan	Kentucky
Massachusetts	Minnesota	Louisiana*
New Hampshire*	Missouri	Mississippi
New Jersey*	Nebraska	North Carolina
New York	North Dakota	South Carolina*
Pennsylvania	Ohio	Tennessee
Rhode Island*	South Dakota	Virginia
Vermont*	Wisconsin	West Virginia

* No CPB-qualified public radio station as of June 30, 1971.

2/ Operational type of licensee is introduced as an analytic variable in order to show specific characteristics of dual licensees' operations. In some cases (e.g. financial operations), statistics for dual licensees may have been reported so that certain items or expenses which were actually for radio operations may have been attributed to television operations.

West and Southwest	Outlying areas
Alaska	American Samoa*
Arizona	Canal Zone*
California	Guam*
Colorado	Puerto Rico
Hawaii*	Trust Territory of Pacific Islands*
Idaho*	Virgin Islands of U. S.*
Montana*	
Nevada*	
New Mexico	
Oklahoma	
Oregon	
Texas	
Utah	
Washington	
Wyoming*	

The data on broadcast hours in this report are derived from the stations' estimates of mean daily and weekly broadcast hours for Fiscal Year 1971. Accordingly, they must not be considered as exact figures. For information on methods of computation of broadcast hours, see appendix C.

The tables of financial, employment, and broadcast and production statistics are presented, in that order, at the end of the narrative part of this report. The appendixes provide sections on (a) criteria for determining assistance eligibility, (b) surveys of public radio stations, (c) computations of broadcast hours, (d) questionnaire items, and (e) CPB-qualified public radio stations during Fiscal Year 1971.

The following terms and organizations are used in this report:

BROADCAST HOURS--Hours broadcast by CPB-qualified public radio stations during Fiscal Year 1971.

BROADCASTING FOUNDATION OF AMERICA (BFA)--A distribution agency for a variety of informational and cultural programs to subscribing commercial and noncommercial radio stations. BFA programs are produced by stations or production agencies in the United States and other countries.

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* No CPB-qualified public radio station as of June 30, 1971.

CAPITAL EXPENDITURES--Expenditures for acquiring land, buildings, machinery, equipment, facilities, hardware, automotive equipment, and for significant improvements to existing major items of property and equipment. Not included (charged to operating expenses) are routine repairs and maintenance, rents, expendable supplies and materials, items with a life expectancy of less than 2 or 3 years, and items of inconsequential cost.

CORPORATION FOR PUBLIC BROADCASTING (CPB)--A nonprofit corporation established by Congress in 1967 to promote and help finance development of public radio and television. Its board is appointed by the President with the advice and consent of the Senate.

CPB-QUALIFIED PUBLIC RADIO STATIONS--Stations which meet the minimum criteria outlined in the CPB booklet, Policy for Public Radio Station Assistance. (See appendix A.)

DIRECT OPERATING COSTS [BUDGETED OPERATING EXPENSES)--Actual costs of operations which were budgeted for, and were under the management control of the individual station, network, or center. Depreciation, capital expenditures, repayment of loans, invested money, allocation of money to reserve funds, or costs absorbed by other institutions are not included in this category.

DUAL LICENSEES--Licensees (stations) operated jointly with affiliated public television licensees (stations).

EMPLOYMENT--Number of full-time, half-time, or part-time employees.

(a) Full-time employees--Radio station employees who were on the payroll as of June 30, 1971 and were paid for the full normal work week for at least the Federal minimum wage.

(b) Half-time employees--Other radio station employees, as of June 30, 1971, who were paid at least the Federal minimum wage for at least 20 hours per week but less than the full work week.

(c) Part-time employees--All other paid radio station employees, excluding unpaid students, volunteers, and occasional hourly workers.

GIFTS--Gifts or donations of machinery, equipment, supplies, or other tangible things of value--as distinct from money.

INCOME--All sources of money or appropriations of money received or entered in the books as receivable in the current reporting year. This does not include monies withdrawn from reserve accounts established with income or funds received in prior years; borrowed monies from banks or other sources; or gifts and institutional support from individuals and other institutions.

INSCHOOL AND INSERVICE PROGRAMING FOR A SPECIFIC AUDIENCE--Programing designed for a specific group with specific objectives, such as instruction or training in reading or current diagnostic techniques for physicians.

INSTITUTIONAL SUPPORT--Costs absorbed by other institutions.

INSTRUCTIONAL RADIO SERVICES (INCOME)--Estimated income or appropriation received as a result of, or in support of, the instructional and classroom programing services of a radio station or network.

INTERCONNECTION--Broadcast interconnection systems, including national interconnection (NPR), regional interconnection (e.g., Eastern Public Radio Network), and State interconnection (e.g., Wisconsin Educational Radio Network).

MINORITY EMPLOYEES--Employees in the United States with the following racial or ethnic backgrounds: Negro, Spanish-surname, American Indian, and Oriental. Because the term "minority" has different meanings in the Outlying areas, data on minority employees from the Outlying areas were excluded from minority counts in this report.

NATIONAL PUBLIC RADIO (NPR)--A corporation which produces and distributes national programing and manages the interconnection of CPB-qualified stations. The majority of its board is selected by station managers. NPR is funded primarily by CPB.

PRODUCTION (COSTS)--Costs associated with the production of programs and programing materials at a local station or network.

PRODUCTION HOURS--Hours of programs locally produced by CPB-qualified public radio stations during Fiscal Year 1971.

PROGRAMING (COSTS)--Costs of acquiring and scheduling programs.

PUBLIC RADIO STATION--A station which is: 1) publicly owned (by a local community or municipality, State agency, school system or college, or public corporation); and 2) subsidized (by State or local taxes or foundation grants). It is eligible for support from CPB and Federal facility grants.

SOURCE OF PROGRAMING--Origin of program delivery (e.g., programs locally produced, interconnection).

TECHNICAL (COSTS)--Costs associated with repairs, maintenance, control, and technical operations not includable elsewhere.

TOTAL CAPITAL EXPENDITURES TO DATE--Accumulated capital expenditures through June 30, 1971. Depreciation and inflation factors of the expenditures over the years are not taken into account for these amounts.

TRAINEES--Paid radio station employees engaged primarily in formal on-the-job training programs.

TYPE OF PRODUCTION--Programs locally produced, either live or on tape.

TYPE OF PROGRAMING--Programing which is: (a) educational, informational, and cultural programing for a general audience, (b) inschool and inservice programing for a specific audience; or (c) all other programing.

SUMMARY OF THE RESULTS

CPB-QUALIFIED RADIO STATIONS

Of the 103 CPB-qualified public radio stations in the aggregate United States as of June 30, 1971, 74 (72 percent) were licensed to institutions of higher education. The remaining 29 (28 percent) were licensed to local public school systems, State/municipal authorities, and community organizations.

The Great Lakes and Plains region represented the largest number of stations (43 percent) and most of them (39) were licensed to institutions of higher education. Every State in the region reported at least one CPB-qualified public radio station. Some States in the North Atlantic, the Southeast, and the West and Southwest regions did not have any CPB-qualified stations. (See appendix E.) In the Outlying areas, one station was operated in Puerto Rico. (See table 1.)

Thirty-eight stations out of the total 103 were operated by dual licensees; among them, 26 were licensed to institutions of higher education and 12 to all other types of licensees. Dual licensees were represented in the largest number in the Great Lakes and Plains region (14) and the West and Southwest region (13); however, in terms of percentages of dual licensees out of total licensees, the West and Southwest and the North Atlantic regions were well represented (52 percent and 47 percent out of their corresponding totals). (See tables 2 and 3.)

FINANCE

Total Funds

Total revenues of the 103 CPB-qualified public radio stations amounted to $12.5 million during Fiscal Year 1971. Most of these funds, $12.1 million (or 97 percent), was accounted as income, $165 thousand was transferred from prior years' appropriations and investments, and the remaining $161 thousand was received from loans. (See highlights and table 4.)

Income

Total Income. Total income of the CPB-qualified public radio stations reached $12.1 million during Fiscal Year 1971. This was an increase of 29 percent from Fiscal Year 1970 when 91 stations reported. (See table 6.)

All stations reported an increase in income from all types of sources, except foundations and State colleges and universities. The most noticeably increased sources were other State government sources (a 309 percent increase), followed by local boards of education (162 percent), Federal agencies (109 percent), State boards of education (102 percent), and public broadcasting agencies (96 percent). Even though foundations showed a decrease in contributions to the stations (due to the sizable decrease in contributions from national foundations), other foundations' contributions increased considerably (155 percent) during the period. Some sources of income showed insignificant amounts of increase, probably due to the increased number of CPB-qualified stations. (See table 6.)

Source of Income. The largest source of the CPB-qualified stations' income during Fiscal Year 1971 was institutions of higher education (44.0 percent), followed by State governments and State school boards (17.5 percent), local governments and local school boards (12.1 percent), and public broadcasting agencies (8.2 percent). Among the stations licensed to institutions of higher education, institutions of higher education as a source of income dominated the amount of income (62.6 percent), followed by State governments and State school boards (17.5 percent). 3/ Among all other types of licensees, local governments and local school boards combined showed the largest amount (34.6 percent), followed by subscribers and individuals (19.9 percent). (See table 7.)

The proportions of public broadcasting agencies' contributions to the types of licensees were almost equal (slightly over 8 percent both for institutions of higher education and for all others). Federal Government's contributions were 5.1 percent and 6.3 percent of the totals among types of licensees. State governments gave more funds to the stations licensed to institutions of higher education and State school boards provided more income to other types of licensees. Subscribers as a source of income contributed to all other types much more than to institutions of higher education. Foundations, even though their total amount was relatively small, donated entirely to all other types and not to institutions of higher education. (See table 7.)

State governments, State school boards, and local governments contributed proportionately more to dual licensees' income than to other types combined. On the other hand, subscribers and individuals and institutions of higher education gave proportionately more to other types than to dual licensees. (See table 8.)

3/ Since most of the institutions of higher education were represented by State colleges and universities, actual contributions of State sources would amount to more than is indicated.

Local governments' contributions were unusually large in the North Atlantic region (27.7 percent). More than half of the total income of the stations in the Great Lakes and Plains and the Southeast was received from institutions of higher education. In the Southeast no stations reported any income from State school boards and State governments, foundations, or fund-raising activities. In the West and Southwest region, subscribers were the largest single source of income (26.8 percent). In the outlying areas, State boards of education contributed nearly all of the station's income. (See table 9.)

Institutional Support and Gifts. Total institutional support (costs absorbed by other institutions) amounted to a little more than $1.9 million, of which 93 percent was received by stations licensed to institutions of higher education. Among operational type of licensees, dual licensee stations received 42 percent of the total institutional support. Of the total amount, 56 percent was reported by stations in the Great Lakes and Plains region. (See table 4.)

Gifts were estimated at $58,000, 91 percent of it going to the stations licensed to institutions of higher education. Only 1 percent of the total went to dual licensees and the rest went to all other types of licensees. Of the total, 51 percent was received by the stations in the Great Lakes and Plains region. (See table 4.)

Income Attributed to Instructional Radio Services. Instructional radio service income amounted to $325,234. Most of this income (71.2 percent) was reported by stations other than those licensed to institutions of higher education. In fact, 71.2 percent of all income attributed to this service was reported by the stations licensed to local public school systems. Dual licensees received 21 percent of the total amount. Most of these stations were located in the Great Lakes and Plains region (63.3 percent), followed by the Southeast region (23.9 percent). (See table 17.)

Direct Operating Costs

Total Direct Operating Costs. Total operating costs of the 103 CPB-qualified public radio stations amounted to $10.5 million during Fiscal Year 1971, a 22.4 percent increase over the prior Fiscal Year (1970), when 91 stations reported. The most remarkably increased categories were instructional and school services (a 114 percent increase), training and personnel development (106 percent), and promotion (58 percent); however, these categories represented a relatively small percentage of the total direct operating costs. Two categories--development and fund raising, and all other--experienced a substantial decrease in expenses (20 percent and 21 percent decreases, respectively). (See table 10.)

Direct Operating Costs by Type and Purpose of Disbursement. Of the total $10.5 million, 76 percent was spent for salaries and wages and the remaining 24 percent was expended for other expenses. This pattern held true for stations among institutions of higher education and for all others. (See table 11.)

The leading categories of expenditures were programming (25 percent), technical (25 percent), and general and administrative expenses (21 percent). Dual licensees spent proportionately more on technical expenses, but less on general and administrative expenses than all other types of licensees combined. The West and Southwest region expended relatively large sums on general and administrative expenses (30 percent) and the North Atlantic spent heavily on the technical category (33 percent). (See tables 11, 12 and 13.)

Capital Expenditures

Current Capital Expenditures. All stations spent $1.375 million for capital expenditures during Fiscal Year 1971--26 percent on transmitters, 22 percent on buildings, 21 percent on production equipment, and 19 percent on control room equipment. (See tables 14 through 16.)

Current capital expenditures in a given Fiscal Year may not accurately reflect the over-all capital investment and viability of the stations in operation. Because capital expenditures are for the acquisition of relatively durable goods and facilities, a station may not continually expend a sizable amount for the same purposes after it makes an initial investment.

Total Capital Expenditures to Date. By the end of Fiscal Year 1971, total capital expenditures to date (accumulated capital expenditures) reached $13,944,663. Of this amount, 69 percent was spent by institutions of higher education and the remaining 31 percent by other types of licensees.

Dual licensees accounted for 38 percent of the total expenditures. The Great Lakes and Plains spent 45 percent of the total, followed by the North Atlantic (21 percent) and the West and Southwest (20 percent). (See table 5.)

EMPLOYMENT

Overall Employment and Employment Status

Total Employees. The 103 CPB-qualified public radio stations in the aggregate United States reported 1,980 employees as of June 30, 1971. Of the total, 43 percent (850) were full-time personnel, 14 percent (283) were half-time personnel, and the remaining 43 percent (847) were other part-time personnel. Male employees numbered 1,529 (77 percent of the total) and female employees 451 (23 percent). (See table 18.)

Full-time Employees. Out of the 850 full-time employees, males outnumbered females 630 to 220. The stations licensed to institutions of higher education employed 7.7 full-time employees on the average, while the stations licensed to all other types of licensees reported 9.7 employees. On the average, the stations among dual licensees employed slightly more full-time personnel (10.3) per station than those of all other types (7.0 employees). Of the total full-time employees, 43 percent were reported by the stations in the Great Lakes and Plains region. (See table 18.)

Half-time Employees. For all stations, 77 percent of the 283 half-time employees were male and 23 percent were female.

The employment patterns among types of licensees and operational types of licensees were almost identical. The stations in the Great Lakes and Plains region appeared to have slightly more half-time employees per station than the other regions. (See table 18.)

Part-time Employees. For all stations, 80 percent of the 847 part-time employees were male and 20 percent were female.

There was a remarkable difference in part-time employment between types of licensees: the stations licensed to institutions of higher education hired considerably more part-time employees per station (10.5 employees) than other types (2.5 employees). The Great Lakes and Plains and the Southeast regions combined employed 73 percent of the total part-time employees; these regions led the number of part-time employees per station (10.4 and 8.5 employees respectively). (See table 18.)

Overall Employment and Type of Occupation

Of the 103 qualified radio stations, 597 (30 percent) employees were classified as holding management and supervisory positions. Eighty percent of these management and supervisory personnel were males. Most of the

demanding and responsible positions were held by male employees. (Derived from tables 19 through 27.)

Full-time employees held 80 percent of the total management and supervisory positions. Key positions of the stations were largely filled by full-time male personnel and, to a lesser extent, by half-time male personnel.

The proportions of management and supervisory personnel out of the total employees were highest for the full-time employees (56 percent), followed by half-time (35 percent) and part-time employees (slightly less than 3 percent).

The proportions of on-air performing talent and clerical and all other positions were considerably larger among half-time employees and particularly among part-time employees. (See tables 19 through 27.)

Minority Employment: Minority Groups and Employment Status

The 102 CPB-qualified radio stations in the United States 4/ reported 147 minority employees--8 percent of the 7,833 total. Of the minority employees, 109 (74 percent) were Negroes, 28 (19 percent) had Spanish surnames, 4 were American Indians, and 6 were Orientals. Minority males were 67 percent of the total and females, 33 percent. (See table 28.)

Slightly less than one-third (31.3 percent) of the total minority employees were full-time personnel, while more than half (52.4 percent) were part-time. This employment pattern was quite different from that of nonminority employees, as seen in table A.

4/ Minority employment statistics contained in this report are based on the data of four minority groups (Negro, Spanish surname, American Indian, and Oriental) in the United States. Because the term "minority" has different meanings in the various Outlying areas, data from the Outlying areas are not included in the minority counts.

Table A. Employment Status of Nonminority and Minority Employees of the 102 CPB-Qualified Public Radio Stations in the United States

	Nonminority employees	Minority employees	Total employees
Total	1,686	147	1,833
Percent	100.0	100.0	100.0
Full-time employees	758	46	804
Percent of total	45.0	31.3	43.9
Half-time employees	235	24	259
Percent of total	13.9	16.3	14.1
Part-time employees	693	77	770
Percent of total	41.1	52.4	42.0

Minority Employment and Type of Occupation

Fifteen out of the 147 minority employees were classified as management and supervisory personnel in the United States. Although the total number of minority management and supervisory personnel was too small for detailed comments, it is interesting to note that one minority half-time employee and one minority part-time employee were found in managerial positions.

Minority employees were well represented numerically in the category of on-air performing talent; however, most of these personnel were classified as part-time employees. (See tables 29 through 31.)

Broadcast and Production

Broadcast Hours

Total Broadcast Hours and Type of Programing. A total of 498 thousand hours was aired by the 103 CPB-qualified public radio stations during Fiscal Year 1971. Individual stations broadcast, on the average, 50 weeks during the fiscal year. Stations licensed to institutions of higher education were responsible for 70 percent of the total broadcast hours and all other types of licensees transmitted the remaining 30 percent.

Educational, informational, and cultural programing for a general audience was the largest type of broadcast programing (84 percent). Inschool and inservice programing for a specific audience was 3 percent and all other programing 13 percent.

Educational, informational, and cultural programing did not vary much; however, stations licensed to institutions of higher education did broadcast more of the "all other" programing (15.3 percent) than did other types of licensees (8.6 percent). The reverse was true for in-school and inservice programing. (See table 32.)

Mean Weekly Broadcast Hours by Day of Week. Mean broadcast hours of public radio stations did not vary much according to day of week; however, some stations did not broadcast on weekends during Fiscal Year 1971. (Six stations did not broadcast on Saturdays and 13 stations did not broadcast on Sundays.) (See table 33.) Mean broadcast hours of the 103 CPB-qualified public radio stations was 97. Stations licensed to all other types of licensees broadcast a little longer per week (106) than did stations among institutions of higher education (94 hours).

For educational, informational, and cultural programing, this pattern was even more noticeable, with "all other" licensees broadcasting 90.3 hours as compared to 77.4 hours broadcast by stations among institutions of higher education. (See table 34.)

For inschool and inservice programing, "all other" types of licensees broadcast much longer hours (20.3 hours) than did institutions of higher education (5.8 hours). In all, 32 stations broadcast this type of programing, but on Saturday the number of stations was reduced to 7, and on Sunday to 4. (See table 35.)

For all other programing, 63 stations broadcast 22 hours per week per station. There was no distinguishable difference in the broadcast pattern of this type of programing between the types of licensees. (See table 36.)

Broadcast Hours by Source of Programing. During Fiscal Year 1971, the largest single source of programing of CPB-qualified stations was locally produced programs (66 percent). Tape distribution from other commercial sources comprised 9 percent, scheduled tape from National Public Radio represented 8 percent, interconnection supplied 6 percent, and Network tape from NPR was responsible for 2 percent of the total broadcast hours.

The pattern of broadcast hours by source or programing was almost identical for different types of licensees. (See table 37.)

Music Broadcast Hours. CPB-qualified public radio stations were primarily music stations. These stations broadcast over 313 thousand hours of music, 63 percent of the total broadcast hours during Fiscal Year 1971. These music broadcast hours were largely classical (61 percent), followed by jazz music (8 percent) and rock music (7 percent). The pattern held true for both institutions of higher education and all other types, even though all other types of licensees broadcast proportionately more classical music (71 percent of the total).

All but two stations broadcast classical music and all but five jazz music, while 70 stations aired folk music and 59 stations broadcast rock music. (See table 38.)

Eighty stations broadcast over 9,000 hours of local music concerts throughout the country during Fiscal Year 1971. (See table 39.)

Local Production Hours and Miscellaneous

Hours of Programs Locally Produced. The 103 CPB-qualified public radio stations reported a total of 227,879 hours of programs locally produced during Fiscal Year 1971, 56 percent produced live and 44 percent on tape. More live programs (62 percent) were produced by stations licensed to institutions of higher education than by all other types (44 percent), which produced more programs on tape (56 percent of the total). (See table 40.)

Use of Wire and Audio News Service. A total of 84 public radio stations subscribed to one or more wire services and 43 stations used one or more audio news services. United Press International (UPI) was the leading wire service subscribed to by the stations (54 stations), followed closely by Associated Press (AP) (48). UPI was also the leading audio news service used by the radio stations (19). (See table 41.)

Stations Broadcasting Syndicated Music Concerts. Seventy-nine stations subscribed to (broadcast) one or more syndicated music concerts. (See table 42.) Concerts by the New York Metropolitan Opera were aired by 40 stations during Fiscal Year 1971.

The Cleveland Orchestra was the most popular among syndicated symphony concerts broadcast by CPB-qualified public radio stations (37 stations subscribed), followed by the Boston Symphony Orchestra (25), and the Philadelphia Orchestra (12). Library of Congress Chamber Music Concerts, Boston Pops, and Music from Oberlin were also aired by the stations in substantial numbers (20, 16, and 15 stations respectively). (See table 42.)

Number of Playing Records of the Radio Stations. Over three-quarters of a million records were owned by the 103 public radio stations. Most of these records (85.0 percent) were 33 1/3 r.p.m., while 6.9 percent were 45 r.p.m. and 8.1 percent were 78 r.p.m. records. (See table 43.)

Figure 1.--Total income, direct operating costs, and gross capital expenditures of CPB-qualified public radio stations: Aggregate United States, fiscal years 1970 and 1971

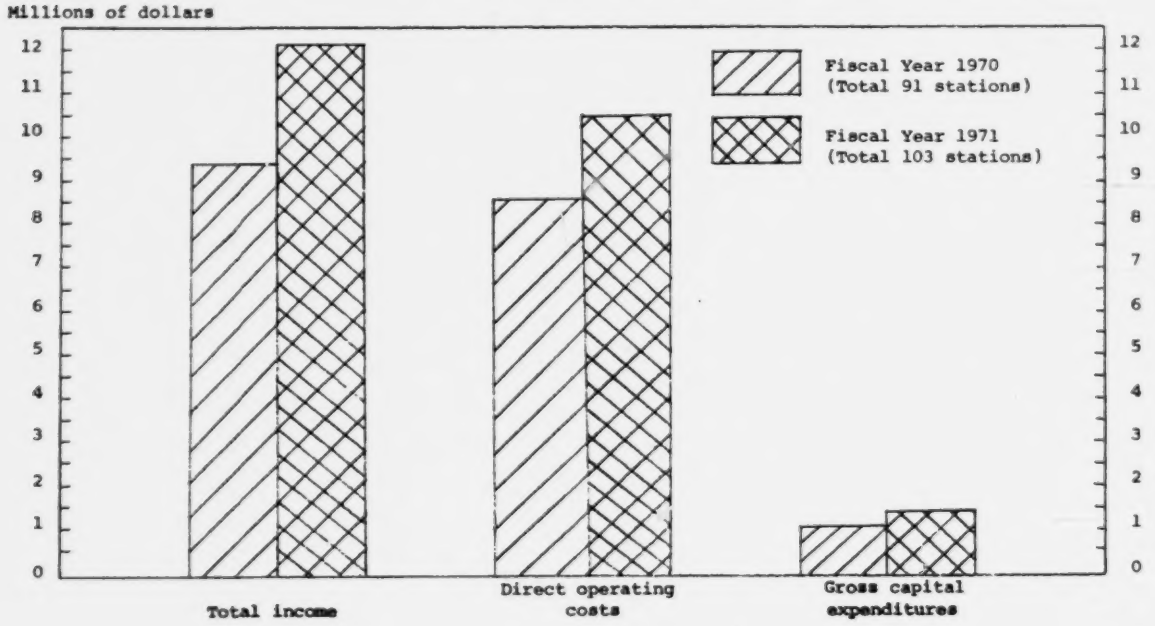
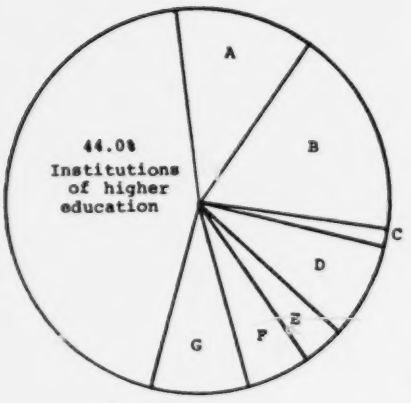


Figure 2.--Percent distribution of total income of CPB-qualified public radio stations, by source of income: Aggregate United States, fiscal year 1971



(Total income: $12,126,893)

A: 12.1% Local school boards and local governments

B: 17.5% State school boards and State governments

C: 1.3% Foundations

D: 8.0% Subscribers

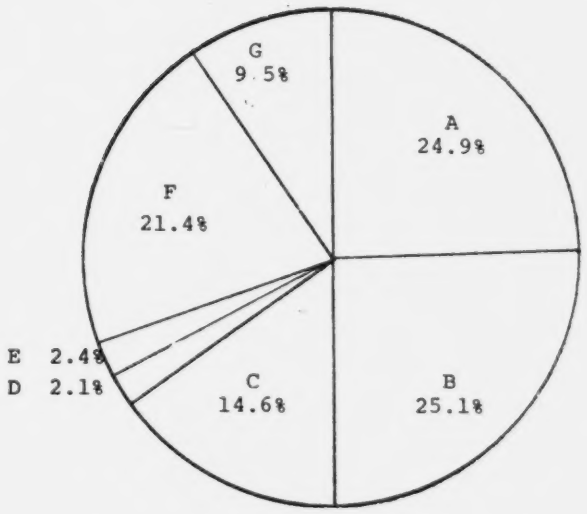
E: 3.4% All other sources combined

F: 5.5% Federal government

G: 8.2% Public broadcasting agencies

Figure 3.--Percent distribution of total direct operating costs of CPB-qualified public radio stations, by purpose of direct operating costs: Aggregate United States, fiscal year 1971

(Total direct operating costs: $10,500,033)



A: Technical costs

B: Programming costs

C: Production costs

D: Instructional and school services

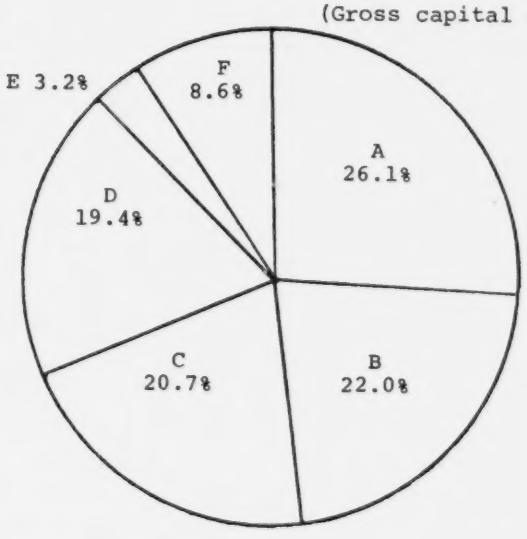
E: General and administrative

F: General costs

G: All other costs combined

Figure 4.--Percent distribution of gross capital expenditures of CPB-qualified public radio stations, by type of capital expenditure: Aggregate United States, fiscal year 1971

(Gross capital expenditures: $1,375,028)



A: Transmitters

B: Buildings

C: Production equipment

D: Control room equipment

E: Testing equipment

F: All other equipment combined

Figure 5.--Total employees of CPB-qualified public radio stations, by sex and employment status: Aggregate United States, June 30, 1971

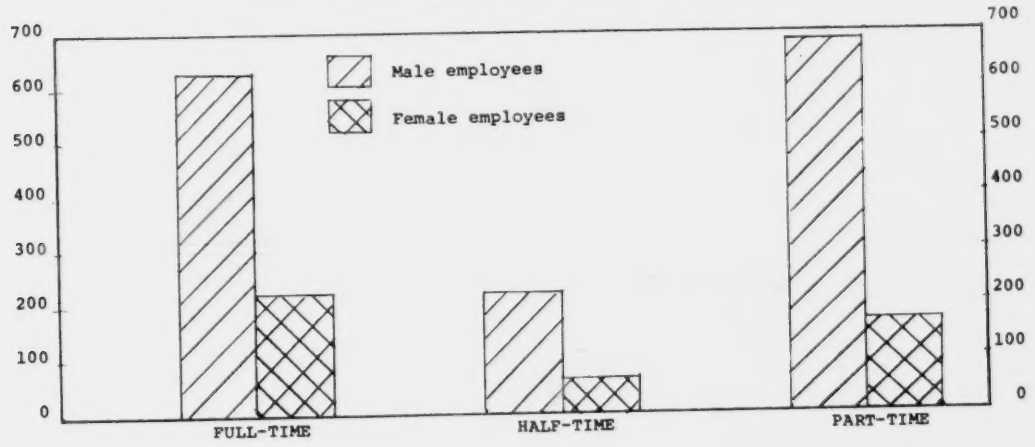
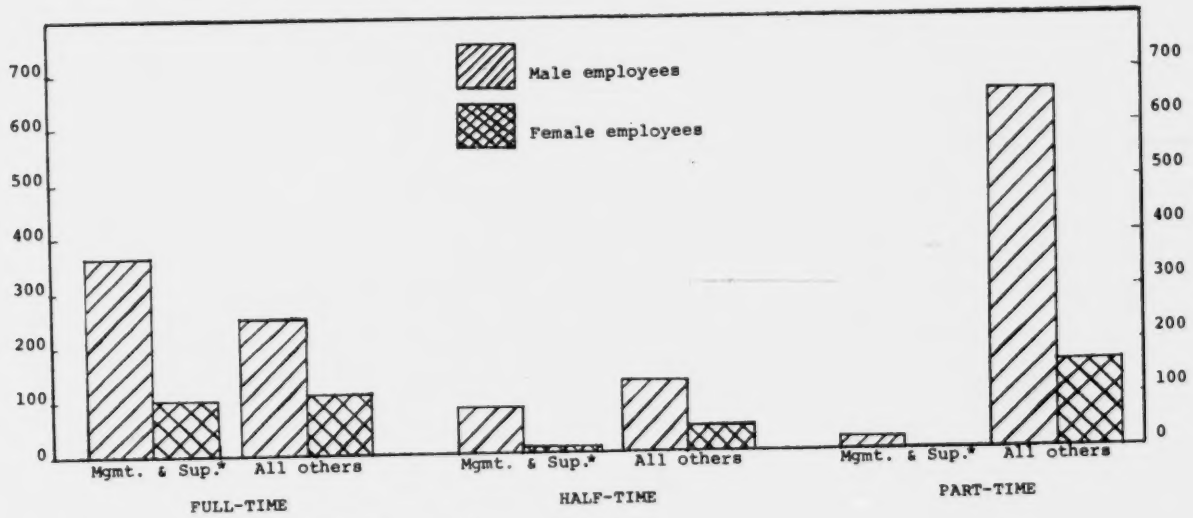


Figure 6.--Total employees of CPB-qualified public radio stations, by sex, type of occupation, and employment status: Aggregate United States, June 30, 1971



* Management and supervisory personnel.

Figure 7.--Minority employees of CPB-qualified public radio stations, by sex and employment status: United States, June 30, 1971

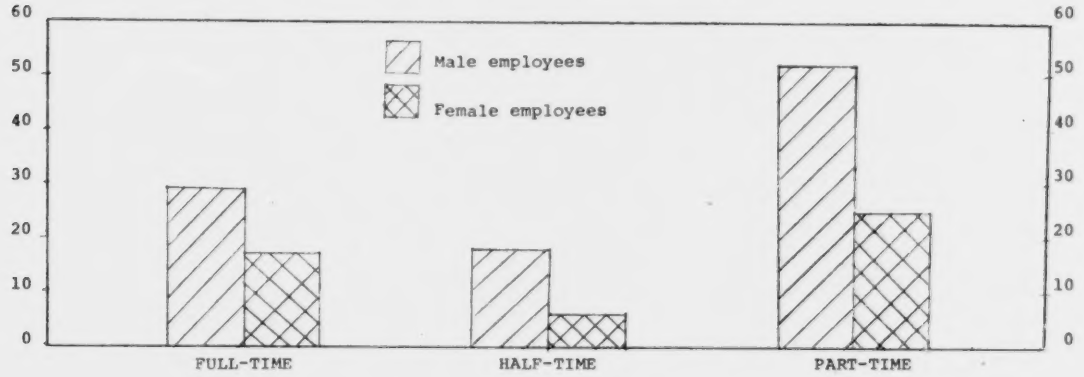
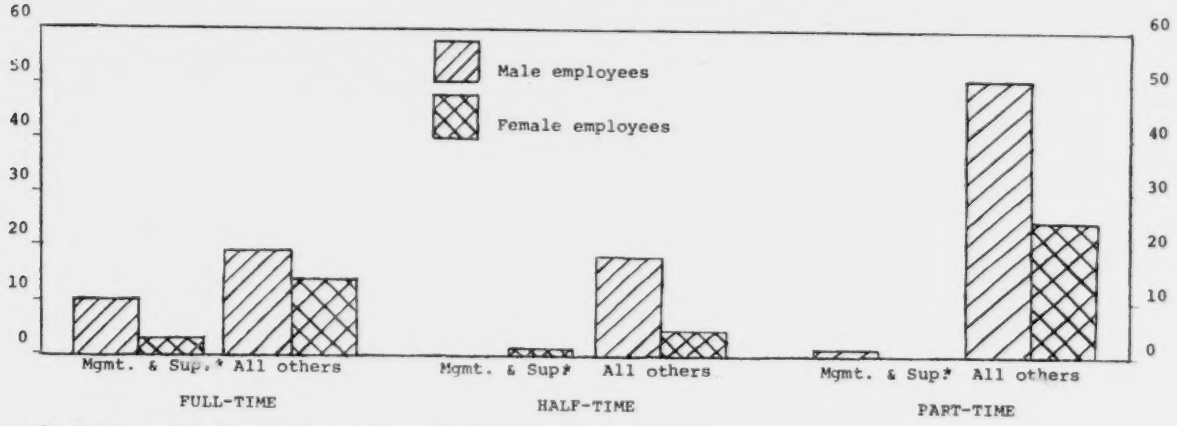


Figure 8.--Minority employees of CPB-qualified public radio stations, by sex, type of occupation, and employment status: United States, June 30, 1971



* Management and supervisory personnel.

Figure 9.--Total broadcast hours of CPB-qualified public radio stations, by type of licensee and day of week: Aggregate United States, fiscal year 1971

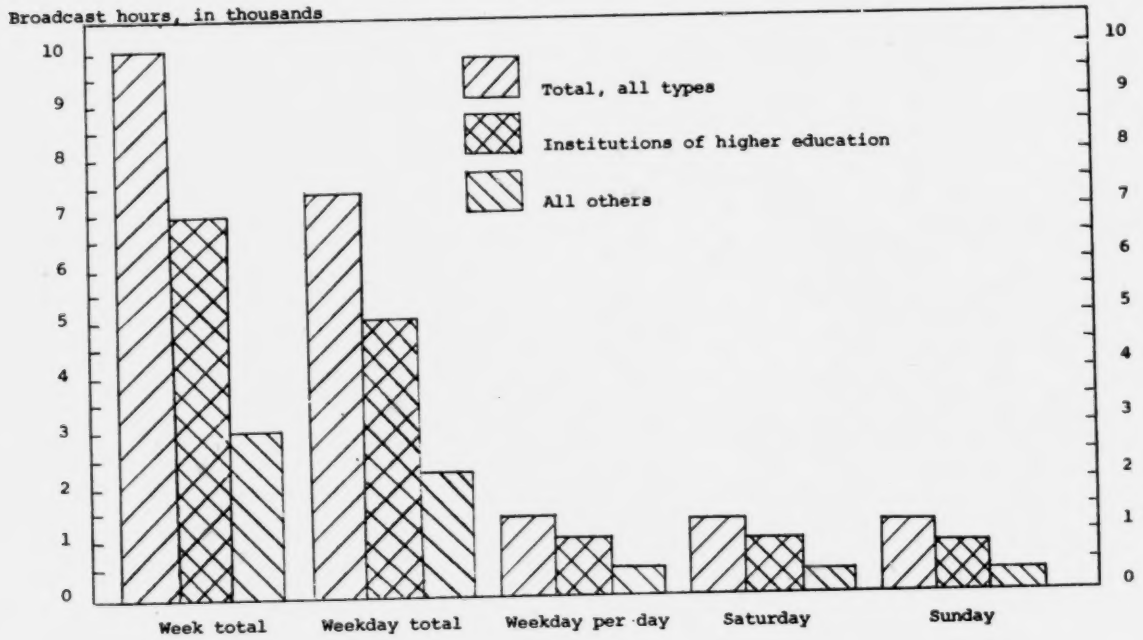


Figure 10.--Total broadcast hours of CPB-qualified public radio stations, by type of licensee and type of programming: Aggregate United States, fiscal year 1971

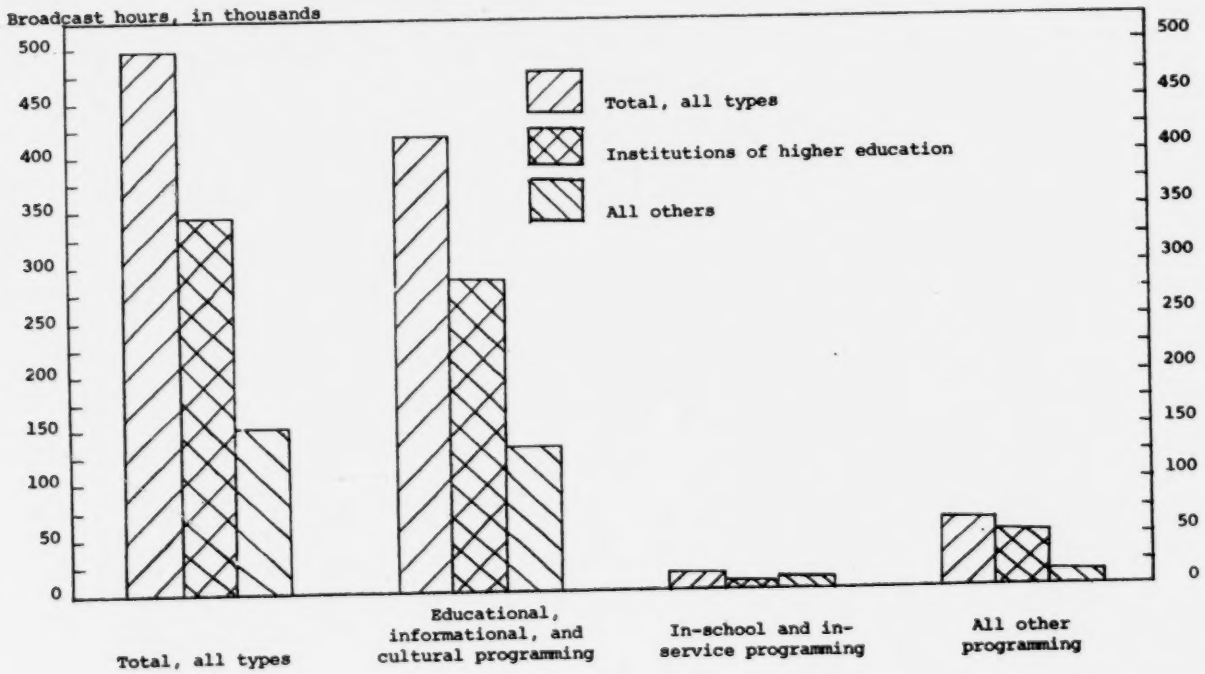
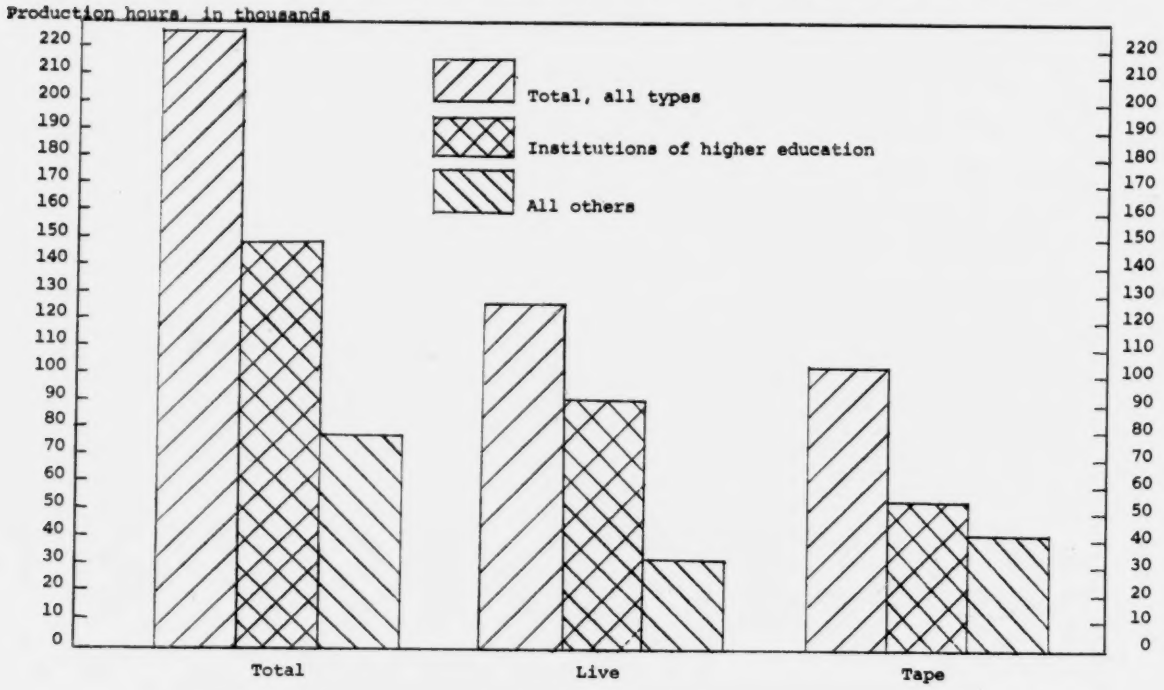


Figure 11.--Total production hours of CPB-qualified public radio stations, by type of licensee and type of production: Aggregate United States, fiscal year 1971



SUMMARY TABLES

Table 1.--CPB-qualified public radio stations, by geographic region and type of licensee: Aggregate United States, fiscal year 1971

Type of licensee	CPB-qualified public radio stations, by geographic region					
	Aggregate United States	North Atlantic	Great Lakes and Plains	Southeast	West and Southwest	Outlying areas
Total, all types	103	15	45	17	25	1
Percent	100.0	100.0	100.0	100.0	100.0	100.0
Institutions of higher education	74	9	39	11	15	0
Percent of total	71.8	60.0	86.7	64.7	60.0	0.0
All others	29	6	6	6	10	1
Percent of total	28.2	40.0	13.3	35.3	40.0	100.0

Table 2.--CPB-qualified public radio stations, by operational type of licensee and type of licensee: Aggregate United States, fiscal year 1971

Type of licensee	CPB-qualified public radio stations, by operational type of licensee		
	All types	Dual licensees	All others
Total, all types	103	38	65
Percent	100.0	100.0	100.0
Institutions of higher education	74	26	48
Percent of total	71.8	68.4	73.8
All others	29	12	17
Percent of total	28.2	31.6	26.2

Table 3.--CPB-qualified public radio stations, by geographic region and operational type of licensee: Aggregate United States, fiscal year 1971

Operational type of licensee	CPB-qualified public radio stations, by geographic region					
	Aggregate United States	North Atlantic	Great Lakes and Plains	Southeast	West and Southwest	Outlying areas
Total, all types	103	15	45	17	25	1
Percent	100.0	100.0	100.0	100.0	100.0	100.0
Dual licensees	38	7	14	3	13	1
Percent of total	36.9	46.7	31.1	17.6	52.0	100.0
All others	65	8	31	14	12	0
Percent of total	63.1	53.3	68.9	82.4	48.0	0.0

Table 4.--Total income, transferred income, loan income, institutional support, and gifts of CPB-qualified public radio stations, by type of licensee, operational type of licensee, and geographic region: Aggregate United States, fiscal year 1971

Type of licensee, operational type of licensee, and geographic region	Number of stations	Incoming funds, institutional support, and gifts				
		Total Income	Transferred Income	Loan Income	Institutional Support	Gifts
Total	103	$12,126,893	$164,984	$160,800	$1,914,352	$58,014
Percent		100.0	100.0	100.0	100.0	100.0
Type of licensee:						
Institutions of higher education	74	8,374,041	35,584	17,278	1,771,374	52,964
Percent of total		69.1	21.6	10.7	92.5	91.3
All others	29	3,752,852	129,400	143,522	142,978	5,050
Percent of total		30.9	78.4	89.3	7.5	8.7
Operational type of licensee:						
Dual licensees	38	5,313,458	0	0	797,760	559
Percent of total		43.8	0.0	0.0	41.7	1.0
All others	65	6,813,435	164,984	160,800	1,116,592	57,455
Percent of total		56.2	100.0	100.0	58.3	99.0
Geographic region:						
North Atlantic	15	2,734,381	5,500	7,378	211,979	9,300
Percent of total		22.6	3.3	4.6	11.1	16.1
Great Lakes and Plains	45	5,501,213	56,338	4,199	1,075,608	29,664
Percent of total		45.4	34.2	2.6	56.2	51.1
Southeast	17	1,288,646	4,250	0	196,654	0
Percent of total		10.6	2.6	0.0	10.3	0.0
West and Southwest	25	2,381,940	98,896	149,223	430,111	19,050
Percent of total		19.6	59.9	92.8	22.4	32.8
Outlying areas	1	220,713	0	0	0	0
Percent of total		1.8	0.0	0.0	0.0	0.0

Table 5.--Total direct operating costs, gross capital expenditures, funds transferred to next fiscal year, repayment of loans, and total gross capital expenditures to date of CPB-qualified public radio stations, by type of licensee, operational type of licensee, and geographic region: Aggregate United States, fiscal year 1971

Type of licensee, operational type of licensee, and geographic region	Number of stations	Disbursement of funds and total gross capital expenditures to date				
		Direct operating costs	Gross capital expenditures	Transferred to next fiscal year	Repayment of loans	Total gross capital expenditures to date
Total	103	$10,500,033	$1,375,028	$526,649	$50,967	$13,944,663
Percent		100.0	100.0	100.0	100.0	100.0
Type of licensee:						
Institutions of higher education	74	7,200,113	912,226	290,917	23,647	9,675,426
Percent of total		68.6	66.3	55.2	46.4	69.4
All others	29	3,299,920	462,802	235,732	27,320	4,269,237
Percent of total		31.4	33.7	44.8	53.6	30.6
Operational type of licensee:						
Dual licensees	38	4,592,332	602,858	118,268	0	5,285,455
Percent of total		43.7	43.8	22.5	0.0	37.9
All others	65	5,907,701	772,170	408,381	50,967	8,659,208
Percent of total		56.3	56.2	77.5	100.0	62.1
Geographic region:						
North Atlantic	15	2,264,816	346,537	135,906	0	2,961,363
Percent of total		21.6	25.2	25.8	0.0	21.2
Great Lakes and Plains	45	4,878,151	469,940	186,012	27,647	6,227,574
Percent of total		46.4	34.2	35.3	54.2	44.7
Southeast	17	1,049,868	135,321	107,707	0	1,937,067
Percent of total		10.0	9.8	20.5	0.0	13.9
West and Southwest	25	2,086,485	423,230	97,024	23,320	2,715,806
Percent of total		19.9	30.8	18.4	45.8	19.5
Outlying areas	1	220,713	0	0	0	102,853
Percent of total		2.1	0.0	0.0	0.0	0.7

Table 6.--Total income of CPB-qualified public radio stations, by fiscal year and source of income: Aggregate United States, fiscal years 1970 and 1971

Source of income	Total income, by fiscal year				Percent change
	FY 1970		FY 1971		
	Amount	Percent	Amount	Percent	
(Number of stations) . . .	(91)		(103)		
All sources	$9,377,433	100.0	$12,126,893	100.0	+ 29.3
Federal Government	316,448	3.4	662,763	5.5	+109.4
HEW facilities grant			542,702		
All others			120,061		
Public broadcasting agencies	506,140	5.4	990,776	8.2	+ 95.8
Corporation for Public Broadcasting			976,993		
All others			13,783		
Institutions of higher education	5,311,313	56.6	5,339,292	44.0	+ 0.5
State colleges and universities	4,550,558		4,317,340		- 5.1
Other colleges and universities	760,755		1,021,952		+ 34.3
Local boards of education	192,793	2.1	504,580	4.2	+161.7
Other local government sources	853,817	9.1	958,510	7.9	+ 12.3
State boards of education	405,601	4.3	820,296	6.8	+102.2
Other State government sources	317,859	3.4	1,299,856	10.7	+308.9
Foundations	199,760	2.1	159,777	1.3	- 20.0
National foundations	139,260		5,600		- 96.0
Other foundations	60,500		154,177		+154.8
Fund-raising activities	30,240	0.3	38,262	0.3	+ 26.5
Other contributions from business and industry	24,611	0.3	25,619	0.2	+ 4.1
Subscribers and individuals	898,727	9.6	973,059	8.0	+ 8.3
All other sources	320,124	3.4	354,103	2.9	+ 10.6

Table 7.--Total income of CPB-qualified public radio stations, by type of licensee and source of income: Aggregate United States, fiscal year 1971

Source of income	Total income, by type of licensee					
	All types		Institutions of higher education		All others	
	Amount	Percent	Amount	Percent	Amount	Percent
(Number of stations) . . .	(103)		(74)		(29)	
All sources	$12,126,893	100.0	$8,374,041	100.0	$3,752,852	100.0
Federal Government	662,763	5.5	426,403	5.1	236,360	6.3
HEW facilities grant	542,702		374,407		168,295	
All others	120,061		51,996		68,065	
Public broadcasting agencies	990,776	8.2	687,007	8.2	303,769	8.1
Corporation for Public Broadcasting	976,993		685,274		291,719	
All others	13,783		1,733		12,050	
Institutions of higher education	5,339,292	44.0	5,245,293	62.6	93,999	2.5
State colleges and universities	4,317,340		4,286,540		30,800	
Other colleges and universities	1,021,952		958,753		63,199	
Local boards of education	504,580	4.2	65,235	0.8	439,345	11.7
Other local government sources	958,510	7.9	97,577	1.2	860,933	22.9
State boards of education	820,296	6.8	171,604	2.0	648,692	17.3
Other State government sources	1,299,856	10.7	1,295,856	15.5	4,000	0.1
Foundations	159,777	1.3	0	0.0	159,777	4.3
National foundations	5,600		0		5,600	
Other foundations	154,177		0		154,177	
Fund-raising activities	38,262	0.3	0	0.0	38,262	1.0
Other contributions from business and industry	25,619	0.2	9,197	0.1	16,422	0.4
Subscribers and individuals	973,059	8.0	226,612	2.7	746,447	19.9
All other sources	354,103	2.9	149,257	1.8	204,846	5.5

Table 8.--Total income of CPB-qualified public radio stations, by operational type of licensee and source of income: Aggregate United States, fiscal year 1971

Source of income	Total income, by operational type of licensee					
	All types		Dual licensees		All others	
	Amount	Percent	Amount	Percent	Amount	Percent
(Number of stations) . . .	(103)		(38)		(65)	
All sources	$12,126,893	100.0	$5,313,458	100.0	$6,813,435	100.0
Federal Government	662,763	5.5	243,106	4.6	419,657	6.2
HEW facilities grant	542,702		238,013		304,689	
All others	120,061		5,093		114,968	
Public broadcasting agencies	990,776	8.2	436,851	8.2	553,925	8.1
Corporation for Public Broadcasting	976,993		436,801		540,192	
All others	13,783		50		13,733	
Institutions of higher education	5,339,292	44.0	1,962,919	36.9	3,376,373	49.6
State colleges and universities	4,317,340		1,846,469		2,470,871	
Other colleges and universities	1,021,952		116,450		905,502	
Local boards of education	504,580	4.2	159,115	3.0	345,465	5.1
Other local government sources	958,510	7.9	759,938	14.3	198,572	2.9
State boards of education	820,296	6.8	602,036	11.3	218,260	3.2
Other State government sources	1,299,856	10.7	901,800	17.0	398,056	5.8
Foundations	159,777	1.3	35,019	0.7	124,758	1.8
National foundations	5,600		0		5,600	
Other foundations	154,177		35,019		119,158	
Fund-raising activities	38,262	0.3	37,962	0.7	300	-
Other contributions from business and industry	25,619	0.2	17,919	0.3	7,700	0.1
Subscribers and individuals	973,059	8.0	52,667	1.0	920,392	13.5
All other sources	354,103	2.9	104,126	2.0	249,977	3.7

- Percent greater than 0 but less than 0.05.

Table 9.--Total income of CPB-qualified public radio stations, by geographic region and source of income: Aggregate United States, fiscal year 1971

Source of income	Total income, by geographic region					
	Aggregate United States	North Atlantic	Great Lakes and Plains	Southeast	West and Southwest	Outlying areas
(Number of stations) . . .	(103)	(15)	(45)	(17)	(25)	(1)
All sources	$12,126,893	$2,734,381	$5,501,213	$1,288,646	$2,381,940	$220,713
Percent	100.0	100.0	100.0	100.0	100.0	100.0
Federal Government	662,763	195,929	90,418	256,879	119,537	0
Percent of total	5.5	7.2	1.7	19.9	5.0	0.0
HEW facilities grant	542,702	179,229	82,371	168,730	112,372	0
All others	120,061	16,700	8,047	88,149	7,165	0
Public broadcasting agencies	990,776	242,429	348,607	137,342	254,898	7,500
Percent of total	8.2	8.9	6.3	10.7	10.7	3.4
Corporation for Public Broadcasting	976,993	242,429	346,924	137,267	242,873	7,500
All others	13,783	0	1,683	75	12,025	0
Institutions of higher education	5,339,292	946,169	3,010,310	662,220	720,593	0
Percent of total	44.0	34.6	54.7	51.4	30.2	0.0
State colleges and universities	4,317,340	364,388	2,856,949	545,320	550,683	0
Other colleges and universities	1,021,952	581,781	153,361	116,900	169,910	0
Local boards of education	504,580	118,289	187,490	61,486	137,315	0
Percent of total	4.2	4.3	3.4	4.8	5.8	0.0
Other local government sources	958,510	756,772	0	135,998	65,740	0
Percent of total	7.9	27.7	0.0	10.6	2.7	0.0
State boards of education	820,296	146,455	218,260	0	242,368	213,213
Percent of total	6.8	5.3	4.0	0.0	10.2	96.6
Other State government sources	1,299,856	16,500	1,262,186	0	21,170	0
Percent of total	10.7	0.6	23.0	0.0	0.9	0.0
Foundations	159,777	35,019	55,000	0	69,758	0
Percent of total	1.3	1.3	1.0	0.0	2.9	0.0
National foundations	5,600	0	0	0	5,600	0
Other foundations	154,177	35,019	55,000	0	64,158	0
Fund-raising activities	38,262	37,962	300	0	0	0
Percent of total	0.3	1.4	-	0.0	0.0	0.0
Other contributions from business and industry	25,619	9,722	12,397	1,700	1,800	0
Percent of total	0.2	0.3	0.2	0.1	0.1	0.0
Subscribers and individuals	973,059	147,421	167,033	21,001	637,604	0
Percent of total	8.0	5.4	3.0	1.6	26.8	0.0
All other sources	354,103	81,714	149,212	12,020	111,157	0
Percent of total	2.9	3.0	2.7	0.9	4.7	0.0

- Percent greater than 0 but less than 0.05.

Table 10.--Total direct operating costs of CPB-qualified public radio stations, by fiscal year and purpose of direct operating costs: Aggregate United States, fiscal years 1970 and 1971

Purpose of direct operating costs	Total direct operating costs, by fiscal year				Percent change
	FY 1970		FY 1971		
	Amount	Percent	Amount	Percent	
(Number of stations) . . .	(91)		(103)		
All purposes	$8,581,048	100.0	$10,500,033	100.0	+ 22.4
Technical	2,185,866	25.5	2,609,445	24.9	+ 19.4
Programming	2,032,160	23.7	2,632,457	25.1	+ 29.5
Production	1,269,518	14.8	1,535,883	14.6	+ 21.0
Instructional and school services	104,124	1.2	223,266	2.1	+114.4
Development and fund raising	84,427	1.0	67,707	0.6	- 19.8
Promotion	156,838	1.8	247,013	2.4	+ 57.5
Training and personnel development	84,147	1.0	173,568	1.7	+106.3
General and administrative	1,697,556	19.8	2,250,961	21.4	+ 32.6
All other	966,412	11.2	759,733	7.2	- 21.4

Table 11.--Total direct operating costs of CPB-qualified public radio stations, by type of licensee and type of direct operating costs, and by purpose of direct operating costs: Aggregate United States, fiscal year 1971

Purpose of direct operating costs	Total direct operating costs, by type of licensee								
	All types			Institutions of higher education			All others		
	Total	Salaries and wages	Other	Total	Salaries and wages	Other	Total	Salaries and wages	Other
(Number of stations) . . .		(103)			(74)			(29)	
All purposes	$10,500,033	$7,966,029	$2,534,004	$7,200,113	$5,448,850	$1,751,263	$3,299,920	$2,517,179	$782,741
Percent	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Technical	2,609,445	2,147,186	462,259	1,670,438	1,338,794	331,644	939,007	808,392	130,615
Percent of total	24.9	27.0	18.3	23.2	24.6	18.9	28.5	32.1	16.7
Programming	2,632,457	2,119,029	513,428	1,690,040	1,334,001	356,039	942,417	785,028	157,389
Percent of total	25.1	26.6	20.3	23.5	24.5	20.3	28.6	31.2	20.1
Production	1,535,883	1,204,028	331,855	1,247,332	968,638	278,694	288,551	235,390	53,161
Percent of total	14.6	15.1	13.1	17.3	17.8	15.9	8.7	9.3	6.8
Instructional and school services	223,266	158,943	64,323	144,764	89,292	55,472	78,502	69,651	8,851
Percent of total	2.1	2.0	2.5	2.0	1.6	3.2	2.4	2.8	1.1
Development and fund raising	67,707	44,201	23,506	26,796	22,095	4,701	40,911	22,106	18,805
Percent of total	0.6	0.5	0.9	0.4	0.4	0.3	1.2	0.9	2.4
Promotion	247,013	86,679	160,334	159,863	59,326	100,537	87,150	27,353	59,797
Percent of total	2.4	1.1	6.3	2.2	1.1	5.7	2.6	1.1	7.6
Training and personnel development	173,568	155,019	18,549	150,924	132,843	18,081	22,644	22,176	468
Percent of total	1.7	1.9	0.7	2.1	2.4	1.0	0.7	0.9	0.1
General and administrative	2,250,961	1,678,602	572,359	1,530,216	1,236,674	293,542	720,745	441,928	278,817
Percent of total	21.4	21.1	22.6	21.3	22.7	16.8	21.8	17.5	35.6
All other	759,733	372,342	387,391	579,740	267,187	312,553	179,993	105,155	74,838
Percent of total	7.2	4.7	15.3	8.0	4.9	17.9	5.5	4.2	9.6

Table 12.--Total direct operating costs of CPB-qualified public radio stations, by operational type of licensee and type of direct operating costs, and by purpose of direct operating costs: Aggregate United States, fiscal year 1971

Purpose of direct operating costs	Total direct operating costs, by operational type of licensee								
	All types			Dual Licensees			All others		
	Total	Salaries and wages	Other	Total	Salaries and wages	Other	Total	Salaries and wages	Other
(Number of stations) . . .		(103)			(38)			(65)	
All purposes	$10,500,033	$7,966,029	$2,534,004	$4,592,332	$3,637,810	$954,522	$5,907,701	$4,328,219	$1,579,482
Percent	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Technical	2,609,445	2,147,186	462,259	1,330,296	1,127,929	202,367	1,279,149	1,019,257	259,892
Percent of total	24.9	27.0	18.3	29.0	31.0	21.2	21.7	23.5	16.4
Programming	2,632,457	2,119,029	513,428	1,257,822	1,058,436	199,386	1,374,635	1,060,593	314,042
Percent of total	25.1	26.6	20.3	27.4	29.1	20.9	23.3	24.5	19.9
Production	1,535,883	1,204,028	331,855	688,695	560,400	128,295	847,188	643,628	203,560
Percent of total	14.6	15.1	13.1	15.0	15.4	13.5	14.3	14.9	12.9
Instructional and school services	223,266	158,943	64,323	110,317	73,066	37,251	112,949	85,877	27,072
Percent of total	2.1	2.0	2.5	2.4	2.0	3.9	1.9	2.0	1.7
Development and fund raising	67,707	44,201	23,506	6,017	5,086	931	61,690	39,115	22,575
Percent of total	0.6	0.5	0.9	0.1	0.2	0.1	1.1	0.9	1.4
Promotion	247,013	86,679	160,334	91,528	48,232	43,296	155,485	38,447	117,038
Percent of total	2.4	1.1	6.3	2.0	1.3	4.5	2.6	0.9	7.4
Training and personnel development	173,568	155,019	18,549	55,520	53,759	1,761	118,048	101,260	16,788
Percent of total	1.7	1.9	0.7	1.2	1.5	0.2	2.0	2.3	1.1
General and administrative	2,250,961	1,678,602	572,359	735,948	575,367	160,581	1,515,013	1,103,235	411,778
Percent of total	21.4	21.1	22.6	16.0	15.8	16.8	25.6	25.5	26.1
All other	759,733	372,342	387,391	316,189	135,535	180,654	443,544	236,807	206,737
Percent of total	7.2	4.7	15.3	6.9	3.7	18.9	7.5	5.5	13.1

Table 13.--Total direct operating costs of CPB-qualified public radio stations, by geographic region and purpose of direct operating costs: Aggregate United States, fiscal year 1971

Purpose of direct operating costs (Number of stations) . . .	Total direct operating costs, by geographic region					
	Aggregate United States (103)	North Atlantic (15)	Great Lakes and Plains (45)	Southeast (17)	West and Southwest (25)	Outlying areas (1)
All purposes	$10,500,033	$2,264,816	$4,878,151	$1,049,868	$2,086,485	$220,713
Percent	100.0	100.0	100.0	100.0	100.0	100.0
Technical	2,609,445	745,918	1,186,600	230,947	429,980	16,000
Percent of total	24.9	32.9	24.3	22.0	20.6	7.3
Programming	2,632,457	564,312	1,169,512	276,906	438,289	183,438
Percent of total	25.1	24.9	24.0	26.4	21.0	83.1
Production	1,535,883	189,292	833,871	172,498	340,222	0
Percent of total	14.6	8.4	17.1	16.4	16.3	0.0
Instructional and school services	223,266	8,092	149,749	35,768	29,657	0
Percent of total	2.1	0.4	3.1	3.4	1.4	0.0
Development and fund raising	67,707	14,250	19,742	5,517	28,198	0
Percent of total	0.6	0.6	0.4	0.5	1.3	0.0
Promotion	247,013	35,729	112,778	19,781	68,725	10,000
Percent of total	2.4	1.6	2.3	1.9	3.3	4.5
Training and personnel development	173,568	46,942	50,423	23,796	52,407	0
Percent of total	1.7	2.1	1.0	2.3	2.5	0.0
General and administrative	2,250,961	433,673	957,040	221,963	627,010	11,275
Percent of total	21.4	19.1	19.6	21.1	30.1	5.1
All other operating expenses	759,733	226,608	398,436	62,692	71,997	0
Percent of total	7.2	10.0	8.2	6.0	3.5	0.0

Table 14.--Gross capital expenditures of CPB-qualified public radio stations, by type of licensee and type of gross capital expenditures: Aggregate United States, fiscal year 1971

Type of gross capital expenditure (Number of stations) . . .	Total gross capital expenditures, by type of licensee					
	All types		Institutions of higher education		All others	
	Amount	Percent	Amount	Percent	Amount	Percent
	(103)		(74)		(29)	
Total, all types	$1,375,028	100.0	$912,226	100.0	$462,802	100.0
Transmitters	358,630	26.1	282,743	31.0	75,887	16.4
Buildings	301,828	22.0	106,689	11.7	195,139	42.2
Production equipment	284,594	20.7	150,851	16.5	133,743	28.9
Control room equipment	267,448	19.4	239,192	26.2	28,256	6.1
Testing equipment	44,012	3.2	30,708	3.4	13,304	2.9
All other equipment	118,516	8.6	102,043	11.2	16,473	3.5

Table 15.--Gross capital expenditures of CPB-qualified public radio stations, by operational type of licensee and type of gross capital expenditure: Aggregate United States, fiscal year 1971

Type of gross capital expenditure	Total gross capital expenditures, by operational type of licensee					
	All types		Dual licensees		All others	
	Amount	Percent	Amount	Percent	Amount	Percent
(Number of stations) . . .	(103)		(38)		(65)	
Total, all types	$1,375,028	100.0	$602,858	100.0	$772,170	100.0
Transmitters	358,630	26.1	149,108	24.7	209,522	27.1
Buildings	301,828	22.0	22,000	3.7	279,828	36.2
Production equipment	284,594	20.7	175,828	29.2	108,766	14.1
Control room equipment	267,448	19.4	185,894	30.8	81,554	10.6
Testing equipment	44,012	3.2	5,335	0.9	38,677	5.0
All other equipment	118,516	8.6	64,693	10.7	53,823	7.0

Table 16.--Gross capital expenditures of CPB-qualified public radio stations, by geographic region and type of gross capital expenditures: Aggregate United States, fiscal year 1971

Type of gross capital expenditure	Total gross capital expenditures, by geographic region					
	Aggregate United States	North Atlantic	Great Lakes and Plains	Southeast	West and Southwest	Outlying areas
(Number of stations) . . .	(103)	(15)	(45)	(17)	(25)	(1)
Total, all types	$1,375,028	$346,537	$469,940	$135,321	$423,230	-
Percent	100.0	100.0	100.0	100.0	100.0	
Transmitters	358,630	150,700	96,713	53,563	57,654	-
Percent of total	26.1	43.5	20.6	39.6	13.6	
Buildings	301,828	38,728	62,705	5,895	194,500	-
Percent of total	22.0	11.2	13.4	4.4	46.0	
Production equipment	284,594	131,779	100,212	23,987	28,616	-
Percent of total	20.7	38.0	21.3	17.7	6.8	
Control room equipment	267,448	15,612	162,050	15,846	73,940	-
Percent of total	19.4	4.5	34.5	11.7	17.5	
Testing equipment	44,012	2,180	15,137	9,538	17,157	-
Percent of total	3.2	0.6	3.2	7.0	4.0	
All other equipment	118,516	7,538	33,123	26,492	51,363	-
Percent of total	8.6	2.2	7.0	19.6	12.1	

- Quantity 0.

Table 17.--Estimated instructional radio income of CPB-qualified public radio stations, by instructional radio income and by type of licensee, operational type of licensee, and geographic region: Aggregate United States, fiscal year 1971

Type of licensee, operational type of licensee, and geographic region	Number of stations	Instructional radio income	
		Amount	Percent
Total	103	$325,234	100.0
Type of licensee:			
Institutions of higher education	74	93,602	28.8
All others	29	231,632	71.2
Local public school systems	8	231,632	
State authority, State education agency, municipal authority, and other licensed agencies	10	0	
Community organizations	11	0	
Operational type of licensee:			
Dual licensees	38	68,152	21.0
All others	65	257,082	79.0
Geographic region:			
North Atlantic	15	26,200	8.1
Great Lakes and Plains	45	206,007	63.3
Southeast	17	77,602	23.9
West and Southwest	25	15,425	4.7
Outlying areas	1	0	0.0

Table 18.--Total employees of CPB-qualified public radio stations, by employment status and sex, and by type of licensee, operational type of licensee, and geographic region: Aggregate United States, June 30, 1971

Type of licensee, operational type of licensee, and geographic region	Number of stations	Total employees, by employment status											
		Total			Full-time			Half-time			Part-time		
		Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	103	1,980	1,529	451	850	630	220	283	218	65	847	681	166
Percent		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Type of licensee:													
Institutions of higher education	74	1,560	1,212	348	569	419	150	216	169	47	775	624	151
Percent of total		78.8	79.3	77.2	66.9	66.5	68.2	76.3	77.5	72.3	91.5	91.6	91.0
All others	29	420	317	103	281	211	70	67	49	18	72	57	15
Percent of total		21.2	20.7	22.8	33.1	33.5	31.8	23.7	22.5	27.7	8.5	8.4	9.0
Operational type of licensee:													
Dual licensees	38	806	630	176	392	299	93	108	85	23	306	246	60
Percent of total		40.7	41.2	39.0	46.1	47.5	42.3	38.2	39.0	35.4	36.1	36.1	36.1
All others	65	1,174	899	275	458	331	127	175	133	42	541	435	106
Percent of total		59.3	58.8	61.0	53.9	52.5	57.7	61.8	61.0	64.6	63.9	63.9	63.9
Geographic regions:													
North Atlantic	15	301	242	59	186	149	37	30	22	8	85	71	14
Percent of total		15.2	15.8	13.1	21.9	23.7	16.8	10.6	10.1	12.3	10.0	10.4	8.4
Great Lakes and Plains	45	988	760	228	361	259	102	157	121	36	470	380	90
Percent of total		49.9	49.7	50.5	42.5	41.1	46.4	55.5	55.5	55.4	55.5	55.8	54.2
Southeast	17	269	203	66	98	72	26	26	21	5	145	110	35
Percent of total		13.6	13.3	14.6	11.5	11.4	11.8	9.2	9.6	7.7	17.1	16.2	21.1
West and Southwest	25	386	300	86	177	131	46	70	54	16	139	115	24
Percent of total		19.5	19.6	19.1	20.8	20.8	20.9	24.7	24.8	24.6	16.4	16.9	14.5
Outlying areas	1	36	24	12	28	19	9	0	0	0	8	5	3
Percent of total		1.8	1.6	2.7	3.3	3.0	4.1	0.0	0.0	0.0	1.0	0.7	1.8

Table 19.--Full-time employees of CPB-qualified public radio stations, by type of licensee and sex, and by type of occupation: Aggregate United States, June 30, 1971

Type of occupation (Number of stations) . . .	Total full-time employees, by type of licensee								
	All types (103)			Institutions of higher education (74)			All others (29)		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total, all types	850	630	220	569	419	150	281	211	70
Percent	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Subtotal, management and supervisory	476	374	102	348	280	68	128	94	34
Percent of total	56.0	59.4	46.4	61.2	66.8	45.3	45.6	44.5	48.6
General manager	55	50	5	43	41	2	12	9	3
Station manager	45	41	4	32	29	3	13	12	1
Operations manager	31	26	5	25	22	3	6	4	2
Program manager	61	46	15	47	39	8	14	7	7
Business manager	15	5	10	10	3	7	5	2	3
Chief engineer	79	79	0	62	62	0	17	17	0
Traffic director	34	4	30	25	4	21	9	0	9
News director	43	42	1	29	29	0	14	13	1
Music director	42	37	5	29	25	4	13	12	1
Promotion director	13	5	8	7	2	5	6	3	3
Development director	8	6	2	6	5	1	2	1	1
Continuity director	8	3	5	6	2	4	2	1	1
Instructional services director	6	3	3	4	2	2	2	1	1
Other management and supervisory	36	27	9	23	15	8	13	12	1
Subtotal, other employees	374	256	118	221	139	82	153	117	36
Percent of total	44.0	40.6	53.6	38.8	33.2	54.7	54.4	55.5	51.4
Technical and production	181	171	10	114	106	8	67	65	2
On-air performing talent	96	81	15	40	33	7	56	48	8
Clerical and all other	97	4	93	67	0	67	30	4	26

Table 20.--Full-time employees of CPB-qualified public radio stations, by operational type of licensee and sex, and by type of occupation: Aggregate United States, June 30, 1971

Type of occupation	Total full-time employees, by operational type of licensee								
	All types			Dual licensees			All others		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
(Number of stations) . . .	(103)			(38)			(65)		
Total, all types	850	630	220	392	299	93	458	331	127
Percent	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Subtotal, management and supervisory	476	374	102	198	155	43	278	219	59
Percent of total	56.0	59.4	46.4	50.5	51.8	46.2	60.7	66.2	46.5
General manager	55	50	5	16	15	1	39	35	4
Station manager	45	41	4	22	21	1	23	20	3
Operations manager	31	26	5	10	9	1	21	17	4
Program manager	61	46	15	19	18	1	42	28	14
Business manager	15	5	10	5	1	4	10	4	6
Chief engineer	79	79	0	25	25	0	54	54	0
Traffic director	34	4	30	16	1	15	18	3	15
News director	43	42	1	22	21	1	21	21	0
Music director	42	37	5	19	16	3	23	21	2
Promotion director	13	5	8	7	3	4	6	2	4
Development director	8	6	2	2	2	0	6	4	2
Continuity director	8	3	5	6	2	4	2	1	1
Instructional services director	6	3	3	2	0	2	4	3	1
Other management and supervisory	36	27	9	27	21	6	9	6	3
Subtotal, all others	374	256	118	194	144	50	180	112	68
Percent of total	44.0	40.6	53.6	49.5	48.2	53.8	39.3	33.8	53.5
Technical and production	181	171	10	105	100	5	76	71	5
On-air performing talent	96	81	15	48	41	7	48	40	8
Clerical and all other	97	4	93	41	3	38	56	1	55

Table 21.--Full-time employees of CPB-qualified public radio stations, by geographic region and sex, and by type of occupation: Aggregate United States, June 30, 1971

Type of occupation	Total full-time employees, by geographic region																	
	Aggregate United States			North Atlantic			Great Lakes and Plains			Southeast			West and Southwest			Outlying areas		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
(Number of stations)		(103)			(15)			(45)			(17)			(25)			(1)	
Total, all types	850	630	220	186	149	37	361	259	102	98	72	26	177	131	46	28	19	9
Percent	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Subtotal, management and supervisory	476	374	102	92	75	17	197	156	41	66	51	15	115	89	26	6	3	3
Percent of total	56.0	59.4	46.4	49.5	50.3	45.9	54.6	60.2	40.2	67.3	70.8	57.7	65.0	67.9	56.5	21.4	15.8	33.3
General manager	55	50	5	10	10	0	21	20	1	12	11	1	11	9	2	1	0	1
Station manager	45	41	4	5	4	1	21	19	2	6	6	0	12	11	1	1	1	0
Operations manager	31	26	5	6	6	0	12	10	2	5	4	1	8	6	2	0	0	0
Program manager	61	46	15	11	8	3	24	19	5	11	7	4	15	12	3	0	0	0
Business manager	15	5	10	4	2	2	4	0	4	1	0	1	6	3	3	0	0	0
Chief engineer	79	79	0	14	14	0	35	35	0	15	15	0	14	14	0	1	1	0
Traffic director	34	4	30	4	0	4	12	3	9	6	0	6	11	1	10	1	0	1
News director	43	42	1	9	8	1	17	17	0	3	3	0	13	13	0	1	1	0
Music director	42	37	5	9	9	0	17	14	3	4	4	0	11	10	1	1	0	1
Promotion director	13	5	8	3	2	1	3	0	3	1	0	1	6	3	3	0	0	0
Development director	8	6	2	2	1	1	5	4	1	0	0	0	1	1	0	0	0	0
Continuity director	8	3	5	2	1	1	5	2	3	0	0	0	1	0	1	0	0	0
Instructional services director	6	3	3	1	0	1	3	2	1	2	1	1	0	0	0	0	0	0
Other management and supervisory	36	27	9	12	10	2	18	11	7	0	0	0	6	6	0	0	0	0
Subtotal, all others	374	256	118	94	74	20	164	103	61	32	21	11	62	42	20	22	16	6
Percent of total	44.0	40.6	53.6	50.5	49.7	54.1	45.4	39.8	59.8	32.7	29.2	42.3	35.0	32.1	43.5	78.6	84.2	66.7
Technical and production	181	171	10	48	44	4	82	78	4	13	13	0	29	27	2	9	9	0
On-air performing talent	96	81	15	29	27	2	31	25	6	8	7	1	17	15	2	11	7	4
Clerical and all other	97	4	93	17	3	14	51	0	51	11	1	10	16	0	16	2	0	2

Table 22.--Half-time employees of CPB-qualified public radio stations, by type of licensee and sex, and by type of occupation: Aggregate United States, June 30, 1971

Type of occupation (Number of stations)	Total half-time employees, by type of licensee								
	All types (103)			Institutions of higher education (74)			All others (29)		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total, all types	283	218	65	216	169	47	67	49	18
Percent	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Subtotal, management and supervisory	98	86	12	75	66	9	23	20	3
Percent of total	34.6	39.4	18.5	34.7	39.1	19.1	34.3	40.8	16.7
General manager	13	13	0	9	9	0	4	4	0
Station manager	3	3	0	2	2	0	1	1	0
Operations manager	10	9	1	7	7	0	3	2	1
Program manager	4	4	0	3	3	0	1	1	0
Business manager	1	0	1	0	0	0	1	0	1
Chief engineer	19	19	0	12	12	0	7	7	0
Traffic director	7	4	3	7	4	3	0	0	0
News director	14	14	0	12	12	0	2	2	0
Music director	8	6	2	6	5	1	2	1	1
Promotion director	8	5	3	7	4	3	1	1	0
Development director	0	0	0	0	0	0	0	0	0
Continuity director	8	6	2	7	5	2	1	1	0
Instructional services director	1	1	0	1	1	0	0	0	0
Other management and supervisory	2	2	0	2	2	0	0	0	0
Subtotal, other employees	185	132	53	141	103	38	44	29	15
Percent of total	65.4	60.6	81.5	65.3	60.9	80.9	65.7	59.2	83.3
Technical and production	71	65	6	56	51	5	15	14	1
On-air performing talent	70	59	11	56	49	7	14	10	4
Clerical and all other	44	8	36	29	3	26	15	5	10

Table 23.--Half-time employees of CPB-qualified public radio stations, by operational type of licensee and sex, and by type of occupation: Aggregate United States, June 30, 1971

Type of occupation	Total half-time employees, by operational type of licensee								
	All types			Dual licensees			All others		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
(Number of stations) . . .		(103)			(38)			(65)	
Total, all types	283	218	65	108	85	23	175	133	42
Percent	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Subtotal, management and supervisory	98	86	12	34	29	5	64	57	7
Percent of total	34.6	39.4	18.5	31.5	34.1	21.7	36.6	42.9	16.7
General manager	13	13	0	4	4	0	9	9	0
Station manager	3	3	0	0	0	0	3	3	0
Operations manager	10	9	1	3	3	0	7	6	1
Program manager	4	4	0	1	1	0	3	3	0
Business manager	1	0	1	1	0	1	0	0	0
Chief engineer	19	19	0	6	6	0	13	13	0
Traffic director	7	4	3	3	2	1	4	2	2
News director	14	14	0	2	2	0	12	12	0
Music director	8	6	2	1	1	0	7	5	2
Promotion director	8	5	3	6	4	2	2	1	1
Development director	0	0	0	0	0	0	0	0	0
Continuity director	8	6	2	6	5	1	2	1	1
Instructional services director	1	1	0	0	0	0	1	1	0
Other management and supervisory	2	2	0	1	1	0	1	1	0
Subtotal, all others	185	132	53	74	56	18	111	76	35
Percent of total	65.4	60.6	81.5	68.5	65.9	78.3	63.4	57.1	83.3
Technical and production	71	65	6	36	33	3	35	32	3
On-air performing talent	70	59	11	21	18	3	49	41	8
Clerical and all other	44	8	36	17	5	12	27	3	24

Table 24.--Half-time employees of CPB-qualified public radio stations, by geographic region and sex, and by type of occupation: Aggregate United States, June 30, 1971

Type of occupation	Total half-time employees, by geographic region																	
	Aggregate United States			North Atlantic			Great Lakes and Plains			Southeast			West and Southwest			Outlying areas		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
(Number of stations) . . .	(103)			(15)			(45)			(17)			(25)			(1)		
Total, all types	283	218	65	30	22	8	157	121	36	26	21	5	70	54	16	0	0	0
Percent	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	0.0	0.0	0.0
Subtotal, management and supervisory	98	86	12	2	2	0	53	47	6	10	9	1	33	28	5	0	0	0
Percent of total	34.6	39.4	18.5	6.7	9.1	0.0	33.8	38.8	16.7	38.5	42.9	20.0	47.1	51.9	31.3	0.0	0.0	0.0
General manager	13	13	0	0	0	0	6	6	0	1	1	0	6	6	0	0	0	0
Station manager	3	3	0	0	0	0	1	1	0	1	1	0	1	1	0	0	0	0
Operations manager	10	9	1	0	0	0	4	4	0	3	2	1	3	3	0	0	0	0
Program manager	4	4	0	0	0	0	2	2	0	1	1	0	1	1	0	0	0	0
Business manager	1	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0
Chief engineer	19	19	0	1	1	0	8	8	0	2	2	0	8	8	0	0	0	0
Traffic director	7	4	3	0	0	0	4	3	1	0	0	0	3	1	2	0	0	0
News director	14	14	0	0	0	0	12	12	0	0	0	0	2	2	0	0	0	0
Music director	8	6	2	1	1	0	5	3	2	2	2	0	0	0	0	0	0	0
Promotion director	8	5	3	0	0	0	5	3	2	0	0	0	3	2	1	0	0	0
Development director	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Continuity director	8	6	2	0	0	0	4	3	1	0	0	0	4	3	1	0	0	0
Instructional services director	1	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0
Other management and supervisory	2	2	0	0	0	0	1	1	0	0	0	0	1	1	0	0	0	0
Subtotal, all others	185	132	53	28	20	8	104	74	30	16	12	4	37	26	11	0	0	0
Percent of total	65.4	60.6	81.5	93.3	90.9	100.0	66.2	61.2	83.3	61.5	57.1	80.0	52.9	48.1	68.7	0.0	0.0	0.0
Technical and production	71	65	6	10	10	0	41	36	5	7	7	0	13	12	1	0	0	0
On-air performing talent	70	59	11	7	5	2	42	36	6	6	5	1	15	13	2	0	0	0
Clerical and all other	44	8	36	11	5	6	21	2	19	3	0	3	9	1	8	0	0	0

Table 25.--Part-time employees of CPB-qualified public radio stations, by type of licensee and sex, and by type of occupation: Aggregate United States, June 30, 1971

Type of occupation (Number of stations) . . .	Total part-time employees, by type of licensee								
	All types (103)			Institutions of higher education (74)			All others (29)		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total, all types	847	681	166	775	624	151	72	57	15
Percent	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Subtotal, management and supervisory	23	21	2	22	20	2	1	1	0
Percent of total	2.7	3.1	1.2	2.8	3.2	1.3	1.4	1.8	0.0
Subtotal, other employees	824	660	164	753	604	149	71	56	15
Percent of total	97.3	96.9	98.8	97.2	96.8	98.7	98.6	98.2	100.0
Technical and production	264	239	25	245	220	25	19	19	0
On-air performing talent	368	327	41	342	302	40	26	25	1
Trainees (paid)	83	69	14	79	65	14	4	4	0
Clerical and all other	109	25	84	87	17	70	22	8	14

Table 26.--Part-time employees of CPB-qualified public radio stations, by operational type of licensee and sex, and by type of occupation: Aggregate United States, June 30, 1971

Type of occupation	Total part-time employees, by operational type of licensee								
	All types			Dual licensees			All others		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
(Number of stations) . . .		(103)			(38)			(65)	
Total, all types	847	681	166	306	246	60	541	435	106
Percent	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Subtotal, management and supervisory	23	21	2	8	7	1	15	14	1
Percent of total	2.7	3.1	1.2	2.6	2.8	1.7	2.8	3.2	0.9
Subtotal, all others	824	660	164	298	239	59	526	421	105
Percent of total	97.3	96.9	98.8	97.4	97.2	98.3	97.2	96.8	99.1
Technical and production	264	239	25	103	88	15	161	151	10
On-air performing talent	368	327	41	131	123	8	237	204	33
Trainees (paid)	83	69	14	21	19	2	62	50	12
Clerical and all other	109	25	84	43	9	34	66	16	50

Table 27.--Part-time employees of CPB-qualified public radio stations, by geographic region and sex, and by type of occupation: Aggregate United States, June 30, 1971

Type of occupation	Total part-time employees, by geographic region																	
	Aggregate United States			North Atlantic			Great Lakes and Plains			Southeast			West and Southwest			Outlying areas		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
(Number of stations) . . .	(103)			(15)			(45)			(17)			(25)			(1)		
Total, all types	847	681	166	85	71	14	470	380	90	145	110	35	139	115	24	8	5	3
Percent	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Subtotal, management and supervisory	23	21	2	4	4	0	4	4	0	4	4	0	11	9	2	0	0	0
Percent of total	2.7	3.1	1.2	4.7	5.6	0.0	0.9	1.1	0.0	2.8	3.6	0.0	7.9	7.8	8.3	0.0	0.0	0.0
Subtotal, all others	824	660	164	81	67	14	466	376	90	141	106	35	128	106	22	8	5	3
Percent of total	97.3	96.9	98.8	95.3	94.4	100.0	99.1	98.9	100.0	97.2	96.4	100.0	92.1	92.2	91.7	100.0	100.0	100.0
Technical and production	264	239	25	20	20	0	195	177	18	32	25	7	17	17	0	0	0	0
On-air performing talent	368	327	41	44	35	9	164	140	24	65	62	3	91	86	5	4	4	0
Trainees (paid)	83	69	14	6	5	1	49	44	5	26	19	7	2	1	1	0	0	0
Clerical and all other	109	25	84	11	7	4	58	15	43	18	0	18	18	2	16	4	1	3

Table 28.--Minority employees of CPB-qualified public radio stations, by employment status and sex, and by type of minority group: United States, June 30, 1971

Type of minority group	Minority employees, by employment status											
	Total			Full-time			Half-time			Part-time		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
(Total, all employees)	(1,980)	(1,529)	(451)	(850)	(630)	(220)	(283)	(218)	(65)	(847)	(681)	(166)
Total, all minority employees	147	99	48	46	29	17	24	18	6	77	52	[illegible]
Percent	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Negro	109	72	37	31	17	14	18	14	4	60	41	19
Percent of total	74.2	72.7	77.1	67.4	58.6	82.3	75.0	77.8	66.6	77.9	78.9	76.0
Spanish surname	28	19	9	12	10	2	3	2	1	13	7	6
Percent of total	19.0	19.1	18.7	26.1	34.5	11.8	12.5	11.1	16.7	16.9	13.5	24.0
American Indian	4	4	0	0	0	0	2	2	0	2	2	0
Percent of total	2.7	4.1	0.0	0.0	0.0	0.0	8.3	11.1	0.0	2.6	3.8	0.0
Oriental	6	4	2	3	2	1	1	0	1	2	2	0
Percent of total	4.1	4.1	4.2	6.5	6.9	5.9	4.2	0.0	16.7	2.6	3.8	0.0

Table 29.--Minority full-time employees of CPB-qualified public radio stations, by type of minority group and sex, and by type of occupation: United States, June 30, 1971

Type of occupation	Minority full-time employees, by type of minority group														
	Total, all types			Negro			Spanish surname			American Indian			Oriental		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total, all types	46	29	17	31	17	14	12	10	2	0	0	0	3	2	1
Percent	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	0.0	0.0	0.0	100.0	100.0	100.0
Subtotal, management and supervisory	13	10	3	9	6	3	2	2	0	0	0	0	2	2	0
Percent of total	28.3	34.5	17.6	29.0	35.3	21.4	16.7	20.0	0.0	0.0	0.0	0.0	66.7	100.0	0.0
General manager	2	2	0	2	2	0	0	0	0	0	0	0	0	0	0
Station manager	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Operations manager	2	1	1	1	0	1	1	1	0	0	0	0	0	0	0
Program manager	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0
Business manager	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0
Chief engineer	1	1	0	0	0	0	0	0	0	0	0	0	1	1	0
Traffic director	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
News director	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0
Music director	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0
Promotion director	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Development director	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Continuity director	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Instructional services director	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other management and supervisory	4	2	2	2	0	2	1	1	0	0	0	0	1	1	0
Subtotal, all others	33	19	14	22	11	11	10	8	2	0	0	0	1	0	1
Percent of total	71.7	65.5	82.4	71.0	64.7	78.6	83.3	80.0	100.0	0.0	0.0	0.0	33.3	0.0	100.0
Technical and production	16	14	2	8	7	1	8	7	1	0	0	0	0	0	0
On-air performing talent	5	5	0	4	4	0	1	1	0	0	0	0	0	0	0
Clerical and all other	12	0	12	10	0	10	1	0	1	0	0	0	1	0	1

Table 30.--Minority half-time employees of CPB-qualified public radio stations, by type of minority group and sex, and by type of occupation: United States, June 30, 1971

Type of occupation	Total, all types			Negro			Spanish surname			American Indian			Oriental		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total, all types	24	18	6	18	14	4	3	2	1	2	2	0	1	0	1
Percent	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	0.0	100.0	0.0	100.0
Subtotal, management and supervisory	1	0	1	0	0	0	0	0	0	0	0	0	1	0	1
Percent of total	4.2	0.0	16.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	100.0
General manager	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Station manager	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Operations manager	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Program manager	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Business manager	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chief engineer	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Traffic director	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
News director	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Music director	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Promotion director	1	0	1	0	0	0	0	0	0	0	0	0	1	0	1
Development director	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Continuity director	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Instructional services director	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other management and supervisory	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal, all others	23	18	5	18	14	4	3	2	1	2	2	0	0	0	0
Percent of total	95.8	100.0	83.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0
Technical and production	4	3	1	4	3	1	0	0	0	0	0	0	0	0	0
On-air performing talent	13	12	1	10	9	1	2	2	0	1	1	0	0	0	0
Clerical and all other	6	3	3	4	2	2	1	0	1	1	1	0	0	0	0

Table 31.--Minority part-time employees of CPB-qualified public radio stations, by type of minority group and sex, and by type of occupation: United States, June 30, 1971

Type of occupation	Minority part-time employees, by type of minority group														
	Total, all types			Negro			Spanish surname			American Indian			Oriental		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total, all types	77	52	25	60	41	19	13	7	6	2	2	0	2	2	0
Percent	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	0.0	100.0	100.0	0.0
Subtotal, management and supervisory	1	1	0	0	0	0	1	1	0	0	0	0	0	0	0
Percent of total	1.3	1.9	0.0	0.0	0.0	0.0	7.7	14.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Subtotal, all others	76	51	25	60	41	19	12	6	6	2	2	0	2	2	0
Percent of total	98.7	98.1	100.0	100.0	100.0	100.0	92.3	85.7	100.0	100.0	100.0	0.0	100.0	100.0	0.0
Technical and production	15	11	4	13	9	4	1	1	0	0	0	0	1	1	0
On-air performing talent	36	30	6	26	23	3	8	5	3	1	1	0	1	1	0
Trainees (paid)	9	7	2	9	7	2	0	0	0	0	0	0	0	0	0
Clerical and all other	16	3	13	12	2	10	3	0	3	1	1	0	0	0	0

Table 32.--Total broadcast hours of CPB-qualified public radio stations, by type of licensee and type of programming: Aggregate United States, fiscal year 1971

Type of programming	Broadcast hours, by type of licensee		
	All types	Institutions of higher education	All others
(Number of stations) . . .	(103)	(74)	(29)
(Mean number of broadcast weeks) . . .	(50)	(50)	(49)
Total, all types	498,273	346,953	151,320
Percent	100.0	100.0	100.0
Number of stations broadcasting	103	74	29
Percent of stations broadcasting	100.0	100.0	100.0
Educational, informational, and cultural programming for a public audience	417,878	287,317	130,561
Percent of total	83.9	82.8	86.3
Number of stations broadcasting	103	74	29
Percent of stations broadcasting	100.0	100.0	100.0
In-school and in-service programming for a specific audience	14,505	6,737	7,768
Percent of total	2.9	1.9	5.1
Number of stations broadcasting	32	24	8
Percent of stations broadcasting	31.1	32.4	27.6
All other programming	65,890	52,899	12,991
Percent of total	13.2	15.3	8.6
Number of stations broadcasting	63	50	13
Percent of stations broadcasting	61.2	67.6	44.8

Table 33.--Total mean weekly broadcast hours of CPB-qualified public radio stations, by day of week and type of licensee: Aggregate United States, fiscal year 1971

Type of licensee	Mean weekly broadcast hours, by day of week				
	Week total	Monday through Friday		Saturday	Sunday
		Total	(Per day)		
Total, all types	10,014	7,410	(1,482)	1,381	1,223
Percent	100.0	100.0	(100.0)	100.0	100.0
Number of stations broadcasting	103	103	(103)	97	90
Mean broadcast hours	97.2	71.9	(14.4)	14.2	13.6
Institutions of higher education	6,950	5,106	(1,021)	979	865
Percent of total	69.4	68.9	(68.9)	70.9	70.7
Number of stations broadcasting	74	74	(74)	70	65
Mean broadcast hours	93.9	69.0	(13.8)	14.0	13.3
All others	3,064	2,304	(461)	402	358
Percent of total	30.6	31.1	(31.1)	29.1	29.3
Number of stations broadcasting	29	29	(29)	27	25
Mean broadcast hours	105.7	79.5	(15.9)	14.9	14.3

Table 34.--Mean weekly broadcast hours of CPB-qualified public radio stations for educational, informational, and cultural programming for a public audience, by day of week and type of licensee: Aggregate United States, fiscal year 1971

Type of licensee	Mean weekly broadcast hours, by day of week				
	Week total	Monday through Friday		Saturday	Sunday
		Total	(Per day)		
Total, all types	8,347	6,121	(1,224)	1,147	1,079
Percent	100.0	100.0	(100.0)	100.0	100.0
Number of stations broadcasting	103	103	(103)	97	90
Mean broadcast hours	81.0	59.4	(11.9)	11.8	12.0
Institutions of higher education	5,728	4,183	(836)	790	755
Percent of total	68.6	68.3	(68.3)	68.9	70.0
Number of stations broadcasting	74	74	(74)	70	65
Mean broadcast hours	77.4	56.5	(11.3)	11.3	11.6
All others	2,619	1,938	(388)	357	324
Percent of total	31.4	31.7	(31.7)	31.1	30.0
Number of stations broadcasting	29	29	(29)	27	25
Mean broadcast hours	90.3	66.8	(13.4)	13.2	13.0

Table 35.--Mean weekly broadcast hours of CPB-qualified public radio stations for in-school and in-service programming for a specific audience, by day of week and type of licensee: Aggregate United States, fiscal year 1971

Type of licensee	Mean weekly broadcast hours, by day of week				
	Week total	Monday through Friday		Saturday	Sunday
		Total	(Per day)		
Total, all types	300	274	(55)	14	12
Percent	100.0	100.0	(100.0)	100.0	100.0
Number of stations broadcasting	32	32	(32)	7	4
Mean broadcast hours	9.4	8.6	(1.7)	2.0	3.0
Institutions of higher education	138	124	(25)	8	6
Percent of total	46.0	45.3	(45.3)	57.1	50.0
Number of stations broadcasting	24	24	(24)	6	3
Mean broadcast hours	5.8	5.2	(1.0)	1.3	2.0
All others	162	150	(30)	6	6
Percent of total	54.0	54.7	(54.7)	42.9	50.0
Number of stations broadcasting	8	8	(8)	1	1
Mean broadcast hours	20.3	18.8	(3.8)	6.0	6.0

Table 36.--Mean weekly broadcast hours of CPB-qualified public radio stations for all other programming, by day of week and type of licensee: Aggregate United States, fiscal year 1971

Type of licensee	Mean weekly broadcast hours, by day of week				
	Week total	Monday through Friday		Saturday	Sunday
		Total	(Per day)		
Total, all types	1,367	1,015	(203)	220	132
Percent	100.0	100.0	(100.0)	100.0	100.0
Number of stations broadcasting	63	60	(60)	52	42
Mean broadcast hours	21.7	16.9	(3.4)	4.2	3.1
Institutions of higher education	1,084	799	(160)	181	104
Percent of total	79.3	78.7	(78.7)	82.3	78.8
Number of stations broadcasting	50	50	(50)	43	35
Mean broadcast hours	21.7	16.0	(3.2)	4.2	3.0
All others	283	216	(43)	39	28
Percent of total	20.7	21.3	(21.3)	17.7	21.2
Number of stations broadcasting	13	10	(10)	9	7
Mean broadcast hours	21.8	21.6	(4.3)	4.3	4.0

Table 37.--Percent distribution of total broadcast hours of CPB-qualified public radio stations, by type of licensee and source of programming: Aggregate United States, fiscal year 1971

Source of programming	Percent distribution of broadcast hours, by type of licensee		
	All types	Institutions of higher education	All others
(Number of stations broadcasting) . . .	(103)	(74)	(29)
(Total broadcast hours) . . .	(498,273)	(346,953)	(151,320)
Total	100.0	100.0	100.0
Programs locally produced	65.6	66.6	63.4
Interconnection	5.9	5.1	7.6
Tape from National Public Radio/ Network tapes	1.9	2.2	1.3
Tape from National Public Radio/ Scheduled tapes	8.3	9.0	6.8
Tape from Broadcasting Foundation of America	0.7	0.7	0.8
Tape from other noncommercial sources	8.9	8.1	10.6
Tape from commercial sources	1.8	2.0	1.5
All other sources	6.9	6.3	8.0

Table 38.--Music broadcast hours of CPB-qualified public radio stations, by type of licensee and type of music: Aggregate United States, fiscal year 1971

Type of music	Music broadcast hours, by type of licensee		
	All types	Institutions of higher education	All others
(Total broadcast hours) . . .	(498,273)	(346,953)	(151,320)
Total, all types	313,179	221,865	91,314
Percent	100.0	100.0	100.0
Number of stations broadcasting	103	74	29
Mean broadcast hours	3,040.6	2,998.2	3,148.8
Classical	192,115	127,586	64,529
Percent of total	61.3	57.5	70.7
Number of stations broadcasting	101	73	28
Mean broadcast hours	1,902.1	1,747.8	2,304.6
Jazz	24,971	19,112	5,859
Percent of total	8.0	8.6	6.4
Number of stations broadcasting	88	67	21
Mean broadcast hours	283.8	285.3	279.0
Rock	22,986	18,481	4,505
Percent of total	7.3	8.3	4.9
Number of stations broadcasting	59	47	12
Mean broadcast hours	389.6	393.2	375.4
Folk	11,747	7,952	3,795
Percent of total	3.8	3.6	4.1
Number of stations broadcasting	70	52	18
Mean broadcast hours	167.8	152.9	210.8
Ethnic	13,409	8,241	5,168
Percent of total	4.3	3.7	5.7
Number of stations broadcasting	56	38	18
Mean broadcast hours	239.5	216.9	287.1
Show	6,911	5,360	1,551
Percent of total	2.2	2.4	1.7
Number of stations broadcasting	60	50	10
Mean broadcast hours	115.2	107.2	155.1
All others	41,040	35,133	5,907
Percent of total	13.1	15.9	6.5
Number of stations broadcasting	57	47	10
Mean broadcast hours	720.0	747.5	590.7

Table 39.--Broadcast hours of local music concerts of CPB-qualified public radio stations, by type of licensee and music broadcast hours: Aggregate United States, fiscal year 1971

Music broadcast hours	Music broadcast hours, by type of licensee		
	All types	Institutions of higher education	All others
(Number of stations) . . .	(103)	(74)	(29)
Total broadcast hours	9,497	6,386	3,111
Number of stations broadcasting	80	59	21
Percent of stations broadcasting	77.7	79.7	72.4
Mean broadcast hours	118.7	108.2	148.1

Table 40.--Hours of programs locally produced by CPB-qualified public radio stations, by type of licensee and type of production: Aggregate United States, fiscal year 1971

Type of production (Number of stations) . . .	Hours of programs locally produced, by type of licensee		
	All types (103)	Institutions of higher education (74)	All others (29)
Total	227,879	149,601	78,278
Percent	100.0	100.0	100.0
Live	127,618	92,957	34,661
Percent of total	56.0	62.1	44.3
Tape	100,261	56,644	43,617
Percent of total	44.0	37.9	55.7

Table 41.--CPB-qualified public radio stations using wire service or audio news service, by type of licensee and by type of wire service and type of audio news service: Aggregate United States, fiscal year 1971

Wire service and audio news service	Number of stations, by type of licensee		
	All types	Institutions of higher education	All others
(Total number of stations) . . .	(103)	(74)	(29)
Use of wire service			
Total, all services	84	66	18
United Press International (UPI)	54	44	10
Associated Press (AP)	48	35	13
Reuters	3	1	2
Other services	11	10	1
Use of audio news service			
Total, all services	43	33	10
United Press International (UPI)	19	15	4
Associated Press (AP)	1	0	1
Metromedia	8	3	5
Westinghouse	3	3	0
Other services	24	19	5

Table 42.--CPB-qualified public radio stations broadcasting syndicated music concerts, by type of licensee and programs of syndicated music concerts: Aggregate United States, fiscal year 1971

Programs of syndicated music concerts	Number of stations broadcasting, by type of licensee		
	All types	Institutions of higher education	All others
(Total number of stations) . . .	(103)	(74)	(29)
Total, all programs	79	61	18
New York Metropolitan Opera	40	35	5
Cleveland Orchestra	37	31	6
Boston Symphony Orchestra	25	20	5
Philadelphia Orchestra	12	7	5
Library of Congress Chamber Music Concerts	20	13	7
Boston Pops	16	13	3
Cleveland Pops	4	4	0
Music from Oberlin	15	11	4
British Broadcasting Corporation Music Showcase	9	5	4
Marlboro Music Festival	8	7	1
All other specified concerts	46	33	13

Table 43.--Number of records of CPB-qualified public radio stations, by type of licensee and size of record: Aggregate United States, fiscal year 1971

Size of record	Number of records, by type of licensee		
	All types	Institutions of higher education	All others
(Total number of stations) . . .	(103)	(74)	(29)
Total, all sizes	754,487	513,137	241,350
Percent	100.0	100.0	100.0
Number of stations	103	74	29
Mean	7,325.1	6,934.3	8,322.4
33 1/3 r.p.m.	641,580	416,348	225,232
Percent of total	85.0	81.1	93.3
Number of stations	103	74	29
Mean	6,228.9	5,626.3	7,766.6
45 r.p.m.	52,150	39,235	12,915
Percent of total	6.9	7.7	5.4
Number of stations	57	45	12
Mean	914.9	871.9	1,076.3
78 r.p.m.	60,757	57,554	3,203
Percent of total	8.1	11.2	1.3
Number of stations	37	29	8
Mean	1,642.1	1,984.6	400.4

Appendix A

CRITERIA FOR DETERMINING ASSISTANCE ELIGIBILITY*

Recognizing that the Corporation for Public Broadcasting is charged with determining how to best utilize limited financial resources for the systematic development of a significant, national public radio service, the following criteria shall be considered in determining the appropriateness of Corporation support:

1. The station should be licensed by the FCC as a non-commercial educational radio station.

2. The station should operate with an effective radiated power of no less than 250 watts at 500 feet above average terrain (or the equivalent) on a standard FM frequency, or a rated transmitter power of no less than 250 watts on an AM frequency.

3. A minimum of one adequately equipped studio and separate control room should be available to provide for local program production and origination.

4. The minimum number of full-time professional radio station staff employed should comply with the scheduled criteria for the years through 1976 listed on following page.

   - "Full-time professional radio station staff" includes permanent personnel with demonstrated skill and expertise in the management, programming, production, promotion, development, or engineering areas of radio station operation, whose terms of employment require the exercise of full-time duties in one or more of these areas.

     (a) At least one full-time staff member should be employed in a managerial or programming position.
     (b) Interns and trainees do not meet the definition of this criterion.

   - "Half-time professional radio station staff" includes permanent personnel who work a minimum of twenty

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* Taken from Policy for Public Radio Station Assistance and Qualifying Stations, August 1971, Corporation for Public Broadcasting, Washington, D.C., 1971, pp. 4 - 6 and p. 9.

hours per week, paid no less than the minimum Federal hourly wage, with demonstrated skill and expertise in the areas of management, programming, production, promotion, development, or engineering.

- Full-time and half-time positions should be maintained on an annual basis.

5. The station's minimum operational schedule should comply with the schedule of criteria for the years through 1976 listed on this page.

6. The station's daily broadcast schedule should be devoted primarily to programming of good quality which serves demonstrated community needs of an educational, informational, and cultural nature, within its primary service area. Such programming should be intended for a general audience.

   - A program schedule designed to further the principles of a particular religious philosophy does not meet the definition of this criterion.

   - A program schedule designed primarily for in-service audiences does not meet the definition of this criterion.

To assist in the development of a dynamic public radio system, the Corporation for Public Broadcasting will gradually strengthen its support criteria to encourage the establishment of full-time, public radio broadcasting services, operating 52 weeks per year, 7 days per week, 18 hours per day (holidays included) by 1976.

MINIMUM CRITERIA	1971	1972	1973	1974	1975	1976
STAFF: FULL-TIME	1	2	3	3	4	5
HALF-TIME	4	2				
ON-THE-AIR SCHEDULE: WEEKS PER YEAR	48	52	52	52	52	52
DAYS PER WEEK	6	6	7	7	7	7
HOURS PER DAY	8	12	12	14	16	18

Appendix B

SURVEYS OF CPB - QUALIFIED PUBLIC RADIO STATIONS

I. History and general descriptions of surveys of CPB - qualified public radio stations: 1969 - 1971

In July of 1969, the Corporation for Public Broadcasting (CPB), aware of the need for reliable statistics and information concerning its constituents' broadcasting operations, issued a grant to the National Association of Educational Broadcasters (NAEB) to develop and implement a management information system.

In order to develop a new survey instrument, various survey forms were examined, and a series of interviews was conducted with selected station personnel and key people within the broadcasting industry. The resultant findings from these examinations and interviews were incorporated into the design of the fiscal year 1969 survey instrument.

The fiscal year 1969 survey for public radio stations (the first comprehensive survey of this kind) was launched at the beginning of 1970. The survey instruments were forwarded to about 450 public stations and 200 of these stations filed completed (or partially completed) reports. In July of 1970 the information project was moved under the direct administration of the CPB and work was completed on establishing computer files of selected data gathered by the fiscal year 1969 survey. At about this time, the CPB established certain minimum criteria for radio stations to qualify for CPB general support grants (see appendix A). Only 73 of the 450 stations met these minimal criteria as of June 30, 1969. Because of difficulties encountered--low response and inaccurate and incomplete returns--the Corporation decided to focus upon, develop, and establish a base of information solely on public radio stations meeting the criteria for CPB general support grants.

The survey instrument was further revised and refined in keeping with experience gained through the 1969 survey for the fiscal year 1970 survey (e.g. clarification of ambiguities in the previous survey instrument). For the fiscal year 1970 survey the CPB received responses from 91 out of the 96 public radio stations considered eligible for CPB general support grants (five stations either discontinued operations, failed to maintain the necessary minimum criteria for CPB general support grants during fiscal year 1970, or did not file a financial report for fiscal year 1970.)

The contents of the fiscal year 1971 survey instrument were basically the same as the ones of the previous year; however, the survey was conducted in two parts: Part I was intended to collect information on quantitative data which varies on a fiscal year basis, such as financial, broadcast schedule, and employment data; Part II was designed to obtain information on static data, such as listings of management personnel, station facilities, and studio equipment. The Part II instrument consisted of listings of computer records of these static data from the previous year and required only corrections to update the information. Out of 103 CPB - qualified radio stations contacted, all responded for the fiscal year 1971 survey.

II. Processing procedures and list of computer files for CPB - qualified public radio stations

Raw data from the survey questionnaires were manually edited and corrected for obvious errors and follow-up procedures were initiated with stations to make the necessary corrections. Verified information was then entered into the computer files and checked again to insure accuracy.

The Corporation has constantly redesigned and improved its management information computer files, primarily through time-sharing software and remote-access retrieval techniques.

The following is a list of the computer files developed from the data obtained through the annual surveys for the CPB - qualified public radio stations:

1. Financial file -- Financial and promotion data
2. Employee file -- Employee data
3. Station file -- Station and transmission facilities and broadcast data
4. Studio file -- Studio facilities and production data
5. Personnel file -- Names, addresses, and telephone numbers of management personnel

Appendix C

COMPUTATIONS OF BROADCAST HOURS

1. Mean weekly broadcast hours for weeks broadcast (based on stations' broadcast hours of a typical week)

$$MBH_{wk} = \frac{\sum_{i=1}^{n} X_i}{N}$$

Where
- MBH_{wk} = Mean weekly broadcast hours
- X_i = Weekly broadcast hours of i^{th} station
- N = Number of broadcasting stations

2. Total (year) broadcast hours for type of programming

$$TBH_{eic} = \sum_{i=1}^{n} f_i(X_{i-1} + X_{i-2} + \ldots + X_{i-7})$$

$$TBH_{iss} = \sum_{i=1}^{n} f_i(Y_{i-1} + Y_{i-2} + \ldots + Y_{i-7})$$

$$TBH_{oth} = \sum_{i=1}^{n} f_i(Z_{i-1} + Z_{i-2} + \ldots + Z_{i-7})$$

Where
- TBH_{eic} = Total broadcast hours for educational, informational and cultural programs for a public audience
- TBH_{iss} = Total broadcast hours for in-school and in-service programs for a specific audience
- TBH_{oth} = Total broadcast hours for all other programs
- f_i = Number of weeks broadcast by i^{th} station
- X = Broadcast hours of educational, informational, and cultural programs for a public audience
- Y = Broadcast hours of in-school and in-service programs for a specific audience
- Z = Broadcast hours of all other programs

$i-1$ = On Monday of i^{th} station (broadcast hours)
$i-2$ = On Tuesday of i^{th} station (broadcast hours)
$i-3$ = On Wednesday of i^{th} station (broadcast hours)
$i-4$ = On Thursday of i^{th} station (broadcast hours)
$i-5$ = On Friday of i^{th} station (broadcast hours)
$i-6$ = On Saturday of i^{th} station (broadcast hours)
$i-7$ = On Sunday of i^{th} station (broadcast hours)

3. Weekly broadcast hours by day of week

$$BH_{wkd} = \sum_{i=1}^{n} \{(X_{i-1} + X_{i-2} + \ldots + X_{i-5}) + (Y_{i-1} + Y_{i-2} + \ldots + Y_{i-5}) + (Z_{i-1} + Z_{i-2} + \ldots + Z_{i-5})\}$$

$$BH_{sat} = \sum_{i=1}^{n} (X_{i-6} + Y_{i-6} + Z_{i-6})$$

$$BH_{sun} = \sum_{i=1}^{n} (X_{i-7} + Y_{i-7} + Z_{i-7})$$

Where
BH_{wkd} = Broadcast hours on weekdays
BH_{sat} = Broadcast hours on Saturydays
BH_{sun} = Broadcast hours on Sundays

And see 2.

4. Total (year) broadcast hours

$$TBH_{tot} = TBH_{eic} + TBH_{iss} + TBH_{oth} = N\bar{f}MBH_{wk}$$

Where
$$\bar{f} = \frac{\sum_{i=1}^{n} f_i}{N}$$

And see 1, 2, and 3.

5. Percent distributions of broadcast hours by source of programming

Percent distributions of broadcast hours by source of programming were computed as follows:

i. Percentages of all categories of source of programming were converted to broadcast hours for each station.

ii. Total broadcast hours of each category of source of programming were calculated by adding those of the stations involved.

iii. Finally, percent distributions of broadcast hours by source of programming for those of the stations involved were made by converting the broadcast hours of each category to percent of the total.

Appendix D

QUESTIONNAIRE ITEMS

Data in this report derived from the following items which were included in the survey of public radio licensees, fiscal year 1971, conducted by the Corporation for Public Broadcasting.

FINANCIAL STATISTICS

Schedule A - Income, Revenue, and Funds

(Please include all monies and funds received or receivable whether for operations, capital, investment, or reserves and whether expended during the reporting year or not. Do not duplicate receivable funds reported last year. Do not include gifts of equipment and services or the value of shared facilities.)

Sources of income, revenues, and funds:	TOTAL RADIO STATION OPERATIONS
1. Amounts provided directly by agencies of the federal government (Do not include CPB)	
NAME OF AGENCY — AMOUNT	
_____ $_____	
_____ _____	
_____ _____	
_____ _____	
Total Federal Government	$_____
2. Amounts provided by public broadcasting agencies such as: CPB, other noncommercial radio and TV stations and any other agency engaged principally in production or operations for noncommercial broadcasting.	
NAME OF ORGANIZATION — AMOUNT	
CPB - General Support Grants $_____	
CPB - All other funds _____	
_____ _____	
_____ _____	
Total Public Broadcasting Agencies	$_____
3. Local boards and departments of education	_____
4. Other local government or agency sources	_____
5. State boards and departments of education	_____
6. Other State government or agency sources	_____
7. State colleges and universities	_____
8. Other colleges and universities	_____
9. Underwriting of specific programs	_____

10. Foundations - National _____

11. Foundations - Other _____

12. Auctions
(Expenses related to auction were: $_____) _____

13. "Profits" from subsidiary enterprises
(Please describe briefly _____) _____

14. Commercial stations and network contributions _____

15. Subscribers and individuals _____
(Please estimate the number of paying members:
-@ $25.00 or more #_____
-@ less than $25.00 #_____)

16. Business and other organizations not includable elsewhere _____

17. Other production contracts not includable elsewhere _____

Other (Please specify):

18. _____ _____

19. _____ _____

20. _____ _____

21. _____ _____

22. All other sources of funds _____

23. Total income, revenues, and funds
(Sum of lines 1 through 22 preceding) $_____

- How much of the total income on line 23 above would you estimate or attribute to instructional radio services? $_____

- Total transfers from reserve accounts, investments, cash, building funds and from other balances of funds appropriated or encumbered and received in previous years $_____

- Received from loans, notes, and other borrowed amounts $_____

Schedule B - Expenditures, Outlays, and Allocations of Funds

	TOTAL RADIO STATION OPERATIONS
Budgeted operating expenses: (Do not include capital equipment or depreciation)	
Technical	
Salaries and wages	_____
Other expenses	_____
Programming	
Salaries and wages	_____
Other expenses	_____
Local production	
Salaries and wages	_____
Other expenses	_____
Instructional and school services	
Salaries and wages	_____
Other expenses	_____
Development and fund raising	
Salaries and wages	_____
Other expenses	_____
Promotion	
Salaries and wages	_____
Other expenses	_____
Training and personnel development	
Salaries and wages	_____
Other expenses	_____
General and administrative	
Salaries and wages	_____
Other expenses	_____
All other operating expenses	
Salaries and wages	_____
Other expenses	_____
Total budgeted operating expenses (Sum of the above)	$_____

- Costs absorbed by other institutions _____

- Transfers of funds to reserves, investments, building funds, cash or encumbered and deferred to next fiscal year _____

- Monies used for the repayment of notes, debts, and credit purchases _____

Schedule C - Capital Expenditures

	TOTAL RADIO STATION OPERATIONS
1. Capital expenditures during the 1971 fiscal year:	
a. Land and land improvements	_____
b. Buildings	_____
c. Equipment - Production equipment	_____
- Test equipment	_____
- Control room equipment	_____
- Remote equipment	_____
- Transmission system	_____
- Other: Please specify generally	
_____	_____
_____	_____
d. Vehicles	_____
e. Furniture and office equipment	_____
f. All other capital equipment	_____
2. Total capital expenditures during fiscal 1971 (Sum of items a through f above).	$_____
Total capital expenditures to date (Sum of total original cost of facilities, equipment, etc., on hand as of 6/30/70, plus 2 above, plus value of gifts--excluding money--and donations of equipment, minus original cost of equipment sold, scrapped or disposed of during fiscal year 1971.	$_____

EMPLOYMENT STATISTICS

FULL-TIME EMPLOYEES

OCCUPATIONS	SEX	ANNUAL SALARY												MINORITY EMPLOYEES			
		Under $6,000	$ 6,001-$ 8,000	$ 8,001-$10,000	$10,001-$12,000	$12,001-$14,000	$14,001-$16,000	$16,001-$18,000	$18,001-$20,000	$20,001-$22,000	$22,001-$24,000	Over $24,000	TOTAL EMPLOYEES	NEGRO	SPANISH SURNAMES	AMERICAN INDIAN	ORIENTAL
GENERAL MGR OR CHIEF EXEC	MALE																
	FEMALE																
STATION MANAGER	MALE																
	FEMALE																
OPERATIONS MANAGER	MALE																
	FEMALE																
PROGRAM MANAGER OR DIR	MALE																
	FEMALE																
BUSINESS MANAGER	MALE																
	FEMALE																
CHIEF ENGINEER	MALE																
	FEMALE																
TRAFFIC DIRECTOR	MALE																
	FEMALE																
NEWS DIRECTOR	MALE																
	FEMALE																
MUSIC DIRECTOR	MALE																
	FEMALE																
PROMOTION DIRECTOR	MALE																
	FEMALE																
DEVELOPMENT DIRECTOR	MALE																
	FEMALE																
CONTINUITY DIRECTOR	MALE																
	FEMALE																
INSTRUCTIONAL SERVICES DIR	MALE																
	FEMALE																
MGMT & SUPERVISORY	MALE																
	FEMALE																
TECHNICAL & PRODUCTION	MALE																
	FEMALE																
ON-AIR, PERFORMING TALENT	MALE																
	FEMALE																
CLERICAL & ALL OTHER	MALE																
	FEMALE																
TOTAL FULL-TIME EMPLOYEES	MALE																
	FEMALE																

HALF-TIME EMPLOYEES

OCCUPATIONS	SEX	TOTALS (EMPS)	MINORITY EMPLOYEES			
			NEGRO	SPANISH SURNAMES	AMERICAN INDIAN	ORIENTAL
GENERAL MGR OR CHIEF EXEC	MALE					
	FEMALE					
STATION MANAGER	MALE					
	FEMALE					
OPERATIONS MANAGER	MALE					
	FEMALE					
PROGRAM MANAGER OR DIR	MALE					
	FEMALE					
BUSINESS MANAGER	MALE					
	FEMALE					
CHIEF ENGINEER	MALE					
	FEMALE					
TRAFFIC DIRECTOR	MALE					
	FEMALE					
NEWS DIRECTOR	MALE					
	FEMALE					
MUSIC DIRECTOR	MALE					
	FEMALE					
PROMOTION DIRECTOR	MALE					
	FEMALE					
DEVELOPMENT DIRECTOR	MALE					
	FEMALE					
CONTINUITY DIRECTOR	MALE					
	FEMALE					
INSTRUCTIONAL SERVICES DIR	MALE					
	FEMALE					
MGMT & SUPERVISORY	MALE					
	FEMALE					
TECHNICAL & PRODUCTION	MALE					
	FEMALE					
ON-AIR, PERFORMING TALENT	MALE					
	FEMALE					
CLERICAL & ALL OTHER	MALE					
	FEMALE					
TOTAL HALF-TIME EMPLOYEES	MALE					
	FEMALE					

PART-TIME EMPLOYEES						
OCCUPATIONS	SEX	TOTALS (EMPS)	MINORITY EMPLOYEES			
			NEGRO	SPANISH SURNAMES	AMERICAN INDIAN	ORIENTAL
MANAGEMENT & SUPERVISORY	MALE					
	FEMALE					
TECHNICAL & PRODUCTION	MALE					
	FEMALE					
ON-AIR & PERFORMING TALENT	MALE					
	FEMALE					
TRAINEES (ONLY IF PAID)	MALE					
	FEMALE					
CLERICAL & ALL OTHER	MALE					
	FEMALE					
TOTAL PART-TIME EMPLOYEES	MALE					
	FEMALE					

BROADCAST STATISTICS

1. Please fill in the average hours broadcast for a typical week below:

	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	WEEKLY TOTALS
I. Sign-on time								
II. Sign-off time								
III. Educational, Informational, and Cultural Programs for a Public Audience (HOURS)								
IV. In-School or In-Service Programs for a Specific Audience (HOURS)								
V. Other Programs (HOURS)								
VI. TOTAL DAILY (HOURS)								
VII. Percent of E-I-C Programs (Divide Column III by Column VI) (PERCENT)								

2. Of the total hours broadcast by your station during the year, please estimate (as a percent) the sources of programming:

	PERCENT
a. Produced locally at your studios	
b. Tape distribution from:	
-NERN	
-NPR	
-BFA	
-NABC	
-other noncommercial sources	
-commercial sources	
c. Interconnection	
d. All other sources	
TOTAL	100%

3. What wire services do you use? UPI _____, AP _____, Reuters _____, Other _____.

4. What audio news services do you use? Metromedia _____, UPI _____, AP _____, Westinghouse _____, Other _____.

5. What percent of total broadcast hours is devoted to music? _____

   Give approximate percent of the total in these areas:

	Classical	_____
	Jazz	_____
	Rock	_____
	Folk	_____
	Ethnic	_____
	Show	_____
_____	(Other)	_____
_____	(Other)	_____
	TOTAL	100%

6. Do you have a regularly scheduled program of concert music by contemporary composers? _____

7. What is the total number of records in your music library? _____

   a. Approximately what percent of these are 78 _____, 45 _____, 33 1/3 _____?
   b. Approximately what percent of these are stereo _____, mono _____?
   c. Give approximate percent of the total in these areas:

	Classical	_____
	Jazz	_____
	Rock	_____
	Folk	_____
	Ethnic	_____
	Show	_____
_____	(Other)	_____
_____	(Other)	_____
	TOTAL	100%

8. Number of hours of local concerts originated for broadcast by your station during the fiscal year ending June 30, 1971? _____

9. Which of the following syndicated concert programs do you broadcast?

Cleveland Orchestra	_____
Boston Symphony Orchestra	_____
Philadelphia Orchestra	_____
Library of Congress Chamber Music Concert	_____
BBC Music Showcase	_____
Marlboro Music Festival	_____
Boston Pops	_____
Cleveland Pops	_____
Metropolitan Opera	_____
Music from Oberlin	_____
Other _____	_____
Other _____	_____
Other _____	_____

Appendix E

LIST OF CPB - QUALIFIED PUBLIC RADIO STATIONS AS OF JUNE 30, 1971:
LOCATIONS, CALL LETTERS, AND FREQUENCIES

ALASKA

College.....KUAC-FM* 104.7

ARIZONA

Phoenix.....KFCA-FM 91.5
Tucson.....KUAT-AM* 1550

ARKANSAS

Jonesboro.....KASU-FM 91.9

CALIFORNIA

Berkeley.....KPFA-FM 94.1
Los Angeles.....KPFK-FM 90.7
San Diego.....KPBS-FM* 89.5
San Francisco...KQED-FM* 88.5
San Mateo.....KCSM-FM* 90.9

COLORADO

Greeley.....KUNC-FM 91.5

DISTRICT OF COLUMBIA

Washington.....WAMU-FM 88.5
Washington.....WETA-FM* 90.9

FLORIDA

Boynton Beach...WHRS-FM 91.7
Tallahassee.....WFSU-FM* 91.5
Tampa.....WUSF-FM* 89.7

GEORGIA

Atlanta.....WABE-FM* 90.1

ILLINOIS

Carbondale.....WSIU-FM* 91.9
DeKalb.....WNIU-FM 89.5
Edwardsville....WSIE-FM 88.7
Urbana.....WILL-AM* 580

INDIANA

Bloomington.....WFIU-FM* 103.7
West Lafayette..WBAA-AM 920

IOWA

Ames.....WOI-FM 90.1
Iowa City.....WSUI-AM 910

KANSAS

Lawrence.....KANU-FM 91.5
Manhattan.....KSAC-AM 580
Wichita.....KMUW-FM 89.1

KENTUCKY

Lexington.....WBKY-FM 91.3
Louisville.....WFPK-FM 91.9
Morehead.....WMKY-FM 90.3
Richmond.....WEKU-FM 88.9

MAINE

Orono.....WMEH-FM* 90.9

MARYLAND

Baltimore.....WBJC-FM 91.5

MASSACHUSETTS

Amherst.....WFCR-FM 88.5
Boston.....WBUR-FM 90.9
Boston.....WGBH-FM* 89.7

MICHIGAN

Ann Arbor.....WUOM-FM 91.7
Berrien Springs.....WAUS-FM 90.9
Detroit.....WDET-FM 101.9
East Lansing....WKAR-AM* 870
East Lansing....WKAR-FM* 90.5
Flint.....WFBE-FM 95.1
Houghton.....WGGL-FM 91.1
Interlochen.....WIAA-FM 88.3
Kalamazoo.....WMUK-FM 102.1
Marquette.....WNMR-FM* 90.1

MINNESOTA

Collegeville....KSJR-FM 90.1
Minneapolis-St. Paul.....KSJN-FM 91.1
Minneapolis.....KUOM-AM 770
Northfield.....WCAL-FM 89.3

MISSISSIPPI

Senatobia.....WNJC-FM 90.1

MISSOURI

Buffalo.....KBFL-FM 90.3
Kansas City.....KCUR-FM 89.3
Maryville.....KXCV-FM 90.5
Point Lookout...KSOZ-FM 88.1
Warrensburg.....KCMW-FM 90.9

NEBRASKA

Omaha.....KIOS-FM 91.5

NEW MEXICO

Las Cruces.....KRWG-FM 90.7

NEW YORK

Albany.....WAMC-FM 90.3
Buffalo.....WBFO-FM 88.7
Canton.....WSLU-FM 96.7
New York City...WNYC-AM* 830
New York City...WNYC-FM* 93.9

NORTH CAROLINA

Winston-Salem...WFDD-FM 88.5

NORTH DAKOTA

Fargo.....KDSU-FM 91.9
Grand Forks.....KFJM-AM 1370

OHIO

Athens.....WOUB-AM* 1340
Athens.....WOUB-FM* 91.3
Bowling Green...WBGU-FM* 88.1
Cincinnati.....WGUC-FM 90.9
Columbus.....WCBE-FM 90.5
Columbus.....WOSU-AM* 820
Columbus.....WOSU-FM* 89.7
Oxford.....WMUB-FM* 88.7
Youngstown.....WYSU-FM 88.5

OREGON

Corvallis.....KOAC-AM* 550
Eugene.....KWAX-FM 91.1
Eugene.....KLCC-FM 90.3
Portland.....KBPS-AM 1450
Portland.....KOAP-FM* 91.5

PENNSYLVANIA

Hershey.....WITF-FM* 89.5
Philadelphia....WUHY-FM* 90.9
Pittsburgh.....WDUQ-FM 91.5

SOUTH DAKOTA

Vermillion.....KUSD-AM* 690

TENNESSEE

Collegedale.....WSMC-FM 90.7
Knoxville.....WUOT-FM 91.9
Murfreesboro....WMOT-FM 89.5
Nashville.....WPLN-FM 90.3

TEXAS

Austin.....KUT-FM* 90.7

Dallas.....KVTT-FM 91.7
El Paso.....KTEP-FM 88.5
Houston.....KPFT-FM 90.1

UTAH

Provo.....KBYU-FM* 88.9
Salt Lake City..KUER-FM* 90.1

VIRGINIA

Richmond.....WRFK-FM 106.5

WASHINGTON

Pullman.....KWSU-AM* 1250
Seattle.....KRAB-FM 107.7
Seattle.....KUOW-FM* 94.9
Tacoma.....KTOY-FM* 91.7

WEST VIRGINIA

Buckhannon.....WVWC-FM 88.9

WISCONSIN

Madison.....WHA-AM* 970
Milwaukee.....WUWM-FM 89.7

PUERTO RICO

Hato Rey.....WIPR-AM* 940

* Radio stations operated jointly with public television stations.

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